

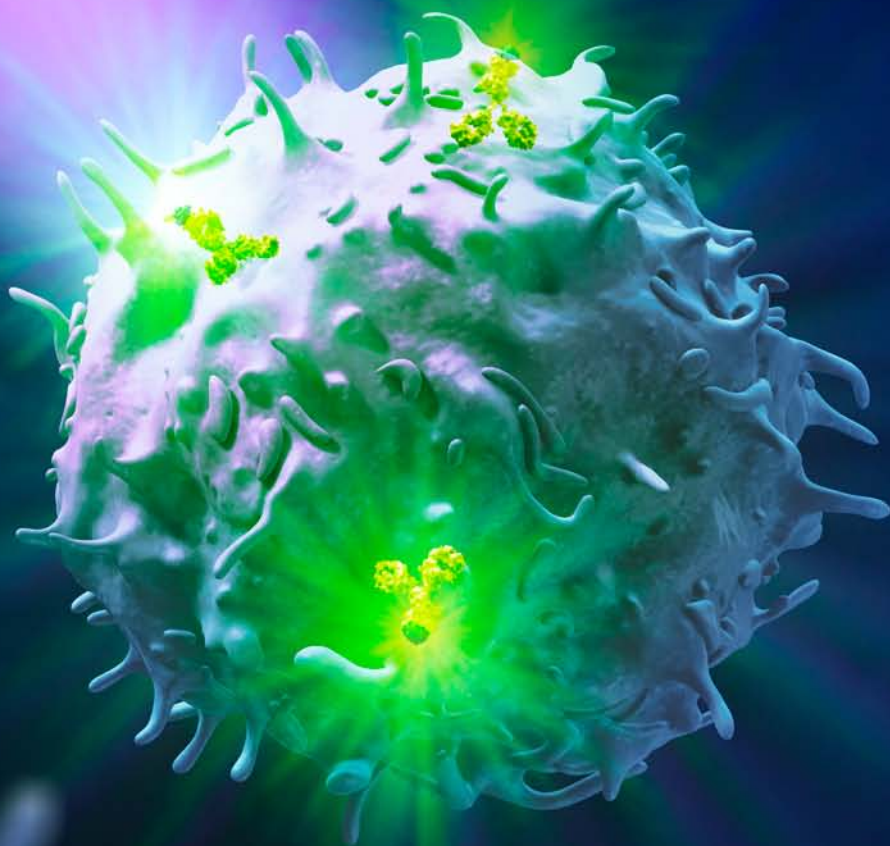


Miltenyi Biotec

MACS[®] Cell Analysis

Product list

January 1, 2012



Products for flow cytometry

Antibodies

Kits and assays

▶ miltenyibiotec.com/antibodies

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Cover image

The cover image shows a leukocyte labeled with a fluorochrome-conjugated antibody for analysis by flow cytometry.

Detailed information on the MACSQuant® Analyzer is available at www.macsquant.com.

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Introduction

Miltenyi Biotec is a leading provider of comprehensive solutions for flow cytometry. We offer a wide range of kits, antibodies, fluorochromes, and instrumentation that more than meet the demands of cutting-edge cell analysis.

MACS® Antibodies

Profit from fluorochrome-conjugated antibodies perfectly suited for the identification and enumeration of human, mouse, rat, or non-human primate cells by flow cytometry or fluorescence microscopy.

- Comprehensive: broad panel of antibodies
- Versatile: phenotyping of any immune cell type
- Flexible: available with numerous fluorochromes

Kits and assays

A variety of kits for cell detection, enumeration, and characterization offer complete convenience for flow cytometric analysis as they include all required reagents and are designed for ease of use. Kits are available for numerous cell populations, including:

- Dendritic cells and monocyte-derived dendritic cells
- T cell subpopulations
- Mesenchymal stromal cells
- Endothelial precursor cells
- Stem cells
- ... and much, much more

Vio® Dyes

Vio® Dyes are a family of fluorochromes for flow cytometry and fluorescence microscopy developed by Miltenyi Biotec. VioBlue®, VioGreen™, PE-Vio770™, and APC-Vio770 are characterized by high fluorescence intensities and low spillover, making them an ideal choice for multicolor applications. Combined with traditional fluorochromes, such as FITC, PE, PerCP, and APC, the new Vio Dyes expand Miltenyi Biotec's antibody offering and allow researchers a greater selection of antibodies for multiparameter cell analysis.

VioBlue®

VioBlue® is a coumarin-based dye that serves the V1 channel (450/50 nm) of the MACSQuant® Instruments. Upon excitation at 405 nm, it emits a high fluorescence intensity at 455 nm, making it a superior alternative to Pacific Blue™, Alexa Fluor® 405, or BD™ Horizon™ V450. Multiplexing of VioBlue with other fluorochromes is easily possible, adding to the variety of marker combinations for multiparameter cell analysis.



VioGreen™

VioGreen™ is a large Stokes shift fluorophore, emitting a high fluorescence at 520 nm upon excitation at 405 nm. It is optimized for the V2 channel (525/50 nm) of the MACSQuant Instruments, complementing the VioBlue Dye, which is designed for the V1 channel (450/50 nm). Due to its emission spectrum VioGreen also delivers high-quality signals in channels using a 585/40 nm filter. These characteristics are perfectly suited for multiparameter cell analysis and highlight VioGreen a superior replacement for Pacific Orange™, Krome Orange™, or BD Horizon V500.

PE-Vio770™

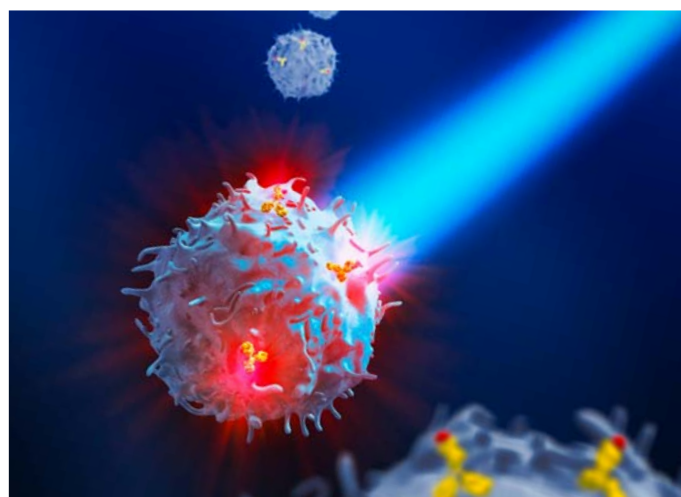
PE-Vio770™ is a tandem dye, like PE-Cy™7, that exploits the principle of fluorescence-resonance-energy-transfer (FRET) allowing for large Stokes shifts between the absorbed energy of a fluorescence donor (PE) and the emission wavelength of a suitable acceptor (Vio770) dye. The fluorophore system is excited by the blue laser (488 nm) or the yellow laser (561 nm) and emits its energy in the near-infrared region at 775 nm, which is detected by the B4 channel (750/LP) in the MACSQuant Instrument. The combination of Vio770 as acceptor dye and optimized chemistry has furnished a tandem dye that is characterized by high fluorescence intensity, minimal spillover to adjacent detection channels, and low non-specific binding to non-targeted cells. Thus PE-Vio770 is designed to meet the complexity of multiparameter cell analysis.

APC-Vio770™

APC-Vio770™ is a tandem dye, like APC-Cy7 or APC-H7, that exploits the principle of fluorescence-resonance-energy-transfer (FRET) allowing for large Stokes shifts between the absorbed energy of a fluorescence donor (APC) and the emission wavelength of a suitable acceptor (Vio770). Upon excitation by the red laser (635 nm), the dye emits its energy at 775 nm, and is detected by the MACSQuant Analyzer in the R2 channel (750 LP). APC-Vio770 has bright fluorescence in the near-infrared region with minimal spillover into other channels, making it an ideal dye for complex multiparameter cell analysis.

New Products

Miltenyi Biotec is continually striving towards bringing new innovations and products to our customers. Check out our new kits, colors, and products for new antibody specificities. To find additional products use the MACS® Product Finder at www.macsquant.com/productfinder



Instruments

MACSQuant Instruments bring together power, innovation, and performance with convenience and ease of use. The devices have been designed to ensure that all flow cytometer users, regardless of experience, can perform advanced cell analysis.

MACSQuant® Analyzer

The MACSQuant® Analyzer provides best-in-class flow cytometry to researchers working in a wide range of fields: from molecular interactions, pharmacokinetics, and cell biology to systems biology, marine biology, and biophysics. Whether working with one or 96 samples, setting up your experiment on the MACSQuant Analyzer could not be easier.



MACSQuant® VYB

The MACSQuant® VYB delivers all the performance, automation, compactness, and convenience of the MACSQuant Analyzer but with a newly configured optical layout. Detect fluorescent proteins with ease:

By incorporating a 561 nm laser and eight fluorescent channels, the MACSQuant VYB offers researchers a greater choice of fluorochromes to perform sophisticated multicolor experiments.

- Analyze multiple “fruit dyes” at once, e.g., fluorescent proteins such as mCherry, DsRed, GFP, CFP, and others.
- Profit from greater PE sensitivity for enhanced detection of PE^{dim} populations.
- Rely on an optical configuration optimized for the detection of commonly used fluorochromes, e.g., FITC, PE-Cy5, APC and PE-Cy7.



Support

Miltenyi Biotec offers world-class technical support and service optimized to meet the needs of a busy laboratory. Technical teams are composed of experienced scientists and highly trained service engineers who can offer advice ranging from experimental design and sample preparation to answering specific questions about instrument operation and service options.

Remote support

Any networked MACSQuant Instrument user can have real-time access to technical support by activating the Live Support function. The Live Support service allows MACSQuant Application Specialist to interact with the user, and if needed, take control of the instrument to resolve any issues.

Live Support is available for customers worldwide 24 hours a day from Monday to Friday.



Training

No matter if you are a newcomer to flow cytometry or an advanced user, MACS Academy offers a comprehensive face-to-face training course that helps you benefit quickly from the latest applications for the MACSQuant Instruments.

- Gain a thorough insight into the principles of flow cytometry with the MACSQuant Analyzer.
- Design, perform, and analyze multiparameter cell analysis experiments with ease.

With a blended learning concept we support a sustainable learning success, which continues after completion of the face-to-face training.

- Benefit from clearly presented training materials, including quick guides and software simulation.
- Perform complete experiments, right from sample preparation to cell analysis.
- Receive a certificate of course completion.



Antibodies • Human

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
A2B5	105HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ¹⁾	130-093-581
			APC	100 tests ¹⁾	130-093-582
			Biotin	100 tests ²⁾	130-093-393
			pure	100 µg in 1 mL	130-093-394
βIII Tubulin	TU-20, mouse IgG1	Stemgent Purified Mouse anti-Mouse/Human βIII Tubulin Antibody, Detection of βIII-Tubulin ⁺ cells, e.g., cells of neuronal origin	pure	50 µg	130-095-674
c-myc	9E10, mouse IgG1k	Stemgent Purified Mouse anti-Human c-Myc Antibody, Intracellular staining of human c-myc ⁺ cells	pure	100 µL	130-095-639
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	Detection of human CD1c (BDCA-1) ⁺ myeloid dendritic cells (MDC1s), detection of non-human primate myeloid blood dendritic cells	FITC ⁷⁾	100 tests	130-090-507
			PE ⁷⁾	100 tests	130-090-508
			APC ⁷⁾	100 tests	130-090-903
			Biotin ⁷⁾	100 tests	130-090-692
			pure ⁷⁾	100 µg in 1 mL	130-090-695
CD2	LT2, mouse IgG2b	Detection of human or non-human primate T and NK cells	PE	100 tests	130-091-115
CD2 – functional grade	LT2, mouse IgG2b	Functional grade antibody for human T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-376
CD3	BW264/56, mouse IgG2a	Detection of human T cells	FITC	100 tests	130-080-401
			PE	100 tests	130-091-374
			APC	100 tests	130-091-373
			VioBlue	100 tests	130-094-363
			PerCP	100 tests	130-094-965
CD3 – functional grade	37895, mouse IgG2a	Functional grade antibody for human T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-377
			pure	100 µg in 1 mL	130-093-387
CD4	M-T466, mouse IgG1	Detection of human or non-human primate T helper cells, identification of MACSelect 4–transfected cells	FITC	100 tests	130-080-501
			PE	100 tests	130-091-231
			APC	100 tests	130-091-232
CD4 (VIT4)	VIT4, mouse IgG2a	Detection of human T helper cells or identification of MACSelect 4–transfected cells	FITC	100 tests	130-092-358
			PE	100 tests	130-092-373
			APC	100 tests	130-092-374
			VioBlue	100 tests	130-094-153
			VioGreen	new 100 tests	130-096-900
			PerCP	100 tests	130-094-963
			PE-Vio770	new 100 tests	130-096-552
			APC-Vio770	new 100 tests	130-096-652
CD5	UCHT2, mouse IgG1	Detection of human CD5 ⁺ cells	FITC	new 100 tests	130-096-574
			PE	new 100 tests	130-096-575
			APC	new 100 tests	130-096-577
			VioBlue	new 100 tests	130-096-572
			Biotin	new 100 tests	130-096-571
CD6	M-T411, mouse IgG1	Detection of human T and B cells, detection of CD6 ⁺ non-human primate cells	FITC ⁷⁾	100 tests	130-091-482
			PE	100 tests	130-091-233
			APC	100 tests	130-091-234

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD8	BW135/80, mouse IgG2a	Detection of human cytotoxic T cells, detection of CD8 ⁺ non-human primate cells	FITC	100 tests	130-080-601
			PE	100 tests	130-091-084
			APC	100 tests	130-091-076
			VioBlue	100 tests	130-094-152
			VioGreen	new 100 tests	130-096-902
			PerCP	100 tests	130-094-972
			PE-Vio770	new 100 tests	130-096-556
CD10	97C5, mouse IgG1	Detection of CD10 ⁺ human B cells	FITC	100 tests	130-093-448
			PE	100 tests	130-093-449
			APC	100 tests	130-093-450
			Biotin	100 tests	130-093-451
CD11b	M1/70.15.11.5, rat IgG2b	Detection of human and mouse myeloid cells; detection of CD11b ⁺ non-human primate cells	FITC	100 tests	130-081-201
			PE	100 tests	130-091-240
			APC	100 tests	130-091-241
			APC-Vio770	new 100 tests	130-096-834
CD11c	MJ4-27G12, mouse IgG2b	Detection of CD11c ⁺ human myeloid cells, especially type 1 myeloid dendritic cells (MDC1s)	FITC	100 tests	130-092-410
			PE	100 tests	130-092-411
			APC	100 tests	130-092-412
			Biotin	100 tests	130-092-413
CD14	TÜK4, mouse IgG2a	Detection of human or non-human primate monocytes and macrophages	pure	100 µg in 1 mL	130-092-414
			FITC	100 tests	130-080-701
			PE	100 tests	130-091-242
			APC	100 tests	130-091-243
			VioBlue	100 tests	130-094-364
			VioGreen	new 100 tests	130-096-875
			PerCP	100 tests	130-094-969
CD15	VIMC6, mouse IgM	Detection of human granulocytes	PE-Vio770	new 100 tests	130-096-628
			APC-Vio770	new 100 tests	130-096-622
			FITC	100 tests	130-081-101
			PE	100 tests	130-091-375
			APC	100 tests	130-091-371
			VioGreen	100 tests	130-096-877
			CD16	VEP13	Detection of human or non-human primate CD16 ⁺ cells
PE	new 100 tests	130-091-245			
APC	new 100 tests	130-091-246			
VioGreen	new 100 tests	130-096-879			
APC-Vio770	new 100 tests	130-096-655			
CD19	LT19, mouse IgG1	Detection of human B cells and follicular dendritic cells	FITC ^{?)}	new 100 tests	130-091-328
			PE	new 100 tests	130-091-247
			APC	new 100 tests	130-091-248
			PE-Vio770	new 100 tests	130-096-641
			APC-Vio770	new 100 tests	130-096-643

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD20	LT20, mouse IgG1	Detection of human or non-human primate B cells	FITC	100 tests	130-091-108
			PE	100 tests	130-091-109
			VioBlue	100 tests	130-094-167
			VioGreen <i>new</i>	100 tests	130-096-904
			PerCP	100 tests	130-094-976
CD23	M-L23.4, mouse IgG1	Identification and enumeration of CD23 (FcεRII, IgE Fc receptor, or low affinity IgE receptor) on human cells	PE	100 tests	130-094-505
			APC	100 tests	130-094-508
			Biotin	100 tests	130-094-510
CD24	32D12, mouse IgG1	Evaluation of CD24 expression on human cancer stem cells	FITC	100 tests	130-095-952
			PE	100 tests	130-095-953
			APC	100 tests	130-095-954
CD25	4E3, mouse IgG2b	Detection of activated human T and B cells, and regulatory T cells, detection of CD25 ⁺ non-human primate cells	PE	100 tests	130-091-024
			APC	100 tests	130-092-858
			Biotin	100 tests	130-091-235
CD26	FR 10-11G9, mouse IgG2a	Detection of human CD26 ⁺ cells	PE	100 tests	130-093-440
			APC	100 tests	130-093-441
			Biotin	100 tests	130-093-442
CD27	M-T271, mouse IgG1	Detection of CD27 on human or non-human primate T, B, and NK cells	FITC	100 tests	130-093-184
			PE	100 tests	130-093-185
			APC	100 tests	130-093-186
			Biotin	100 tests	130-093-196
CD28	15E8, mouse IgG1	Detection of CD28 on human or non-human primate leukocytes	PE	100 tests	130-092-921
			APC	100 tests	130-092-923
			Biotin	100 tests	130-092-955
CD28 – functional grade	15E8, mouse IgG1	Functional grade antibody for human T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-386
			pure	100 µg in 1 mL	130-093-375
CD29	TS2/16, mouse IgG1k	Stemgent Purified Mouse Anti-Human CD29 Antibody, Detection of CD29, e.g., on human mesenchymal stromal cells	pure	50 µg	130-095-637
CD30	Ki-2, mouse IgG1	Detection of human Hodgkin/Reed-Sternberg cells or activated T and B cells	PE	100 tests	130-081-401
CD31	AC128, mouse IgG1	Detection of CD31 on human or non-human primate cells	FITC	100 tests	130-092-654
			PE	100 tests	130-092-653
			APC	100 tests	130-092-652
CD33	AC104.3E3, mouse IgG1	Detection of human or non-human primate myeloid cells	PE	100 tests	130-091-732
			APC ²⁾	100 tests	130-091-731
CD34	AC136, mouse IgG2a	Detection of human hematopoietic stem and progenitor cells	FITC	100 tests	130-081-001
			PE	100 tests	130-081-002
			APC	100 tests	130-090-954
			VioBlue	100 tests	130-095-393
CD36	AC106, mouse IgG2a	Detection of human CD36 ⁺ cells	FITC	100 tests	130-095-470
			PE	100 tests	130-095-472
			APC	100 tests	130-095-475
			VioBlue	100 tests	130-095-482
			PerCP	100 tests	130-095-480
			Biotin	100 tests	130-095-478

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD38	IB6, mouse IgG2b	Detection of human immature and activated T and B cells, and plasma cells	FITC	100 tests	130-092-259
			PE	100 tests	130-092-260
			APC	100 tests	130-092-261
			APC-Vio770 <i>new</i>	100 tests	130-096-634
			Biotin	100 tests	130-092-288
CD39	MZ18-23C8, mouse IgG1	Detection of human or non-human primate CD39 ⁺ regulatory T cells and other CD39-expressing cells	FITC	100 tests	130-093-502
			PE	100 tests	130-093-503
			APC	100 tests	130-093-504
			Biotin	100 tests	130-093-505
			pure	100 µg in 1 mL	130-093-506
CD40	HB14, mouse IgG1	Detection of CD40 on human or non-human primate B cells, macrophages, follicular dendritic cells, and a subset of peripheral T cells	PE	100 tests	130-094-135
			APC	100 tests	130-094-137
			Biotin	100 tests	130-094-142
			pure	100 µg in 1 mL	130-094-133
CD44	DB105, mouse IgG1	Detection of human CD44 ⁺ cells	FITC	100 tests	130-095-195
			PE	100 tests	130-095-180
			APC	100 tests	130-095-177
CD45	5B1, mouse IgG2a	Detection of human leukocytes	FITC	100 tests	130-080-202
			PE	100 tests	130-080-201
			APC	100 tests	130-091-230
			VioBlue	100 tests	130-092-880
			VioGreen <i>new</i>	100 tests	130-096-906
			PerCP	100 tests	130-094-975
			PE-Vio770 <i>new</i>	100 tests	130-096-616
APC-Vio770 <i>new</i>	100 tests	130-096-609			
CD45RA	T6D11, mouse IgG2b	Detection of subsets of human T cells and B cells, detection of non-human primate CD45RA ⁺ cells	FITC	100 tests	130-092-247
			PE	100 tests	130-092-248
			APC	100 tests	130-092-249
			VioBlue	100 tests	130-095-464
			VioGreen <i>new</i>	100 tests	130-096-921
			PerCP ⁷⁾	100 tests	130-095-466
			APC-Vio770 <i>new</i>	100 tests	130-096-604
			Biotin ⁷⁾ <i>new</i>	100 tests	130-096-259
CD45RO	UCHL1, mouse IgG2a	Detection of CD45RO on human cells	FITC	100 tests	130-095-462
			PE	100 tests	130-095-457
			APC	100 tests	130-095-460
			PerCP	100 tests	130-095-451
			Biotin <i>new</i>	100 tests	130-096-263
CD49d	MZ18-24A9, mouse IgG2b	Detection of CD49d on human or non-human primate cells	FITC	100 tests	130-093-283
			PE	100 tests	130-093-282
			APC	100 tests	130-093-281
			Biotin	100 tests	130-093-280
			pure	100 µg in 1 mL	130-093-279
CD56	AF12-7H3, mouse IgG1	Detection of human NK cells, detection of CD56 ⁺ non-human primate cells	PE ⁷⁾	100 tests	130-090-755
			APC ⁷⁾	100 tests	130-090-843
			pure ⁷⁾	50 µg in 1 mL	130-090-955

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD57	TB03, mouse IgM	Detection of CD57 expression on human T and NK cell subsets	FITC	100 tests	130-092-174
			PE	100 tests	130-092-139
			APC	100 tests	130-092-141
			VioBlue <i>new</i>	100 tests	130-096-530
			Biotin	100 tests	130-092-620
CD61	Y2/51, mouse IgG1	Detection of human or non-human primate megakaryocytes and platelets	PE	100 tests	130-081-501
CD62 L	145/15, mouse IgG1	Detection of human L-selectin-expressing cells	FITC	100 tests	130-091-757
			PE	100 tests	130-091-756
			APC	100 tests	130-091-755
CD66abce	TET2, mouse IgG2b	Detection of CD66abce expression on human granulocytes, neutrophils, and some epithelial cells, detection of CD66abce expression on non-human primate granulocytes	FITC	100 tests	130-093-132
			PE	100 tests	130-093-133
			APC	100 tests	130-093-155
			Biotin	100 tests	130-093-156
CD68	Y1/82A, mouse IgG2b	Detection of human CD68 ⁺ cells	FITC <i>new</i>	100 tests	130-096-964
			PE <i>new</i>	100 tests	130-096-807
			APC <i>new</i>	100 tests	130-096-431
			Biotin <i>new</i>	100 tests	130-096-450
CD69	FN50, mouse IgG1	Detection of activated human T, B, and NK cells, detection of CD69 ⁺ non-human primate cells	FITC	100 tests	130-092-166
			PE	100 tests	130-092-160
			APC	100 tests	130-092-159
			Biotin	100 tests	130-092-161
CD71	AC102, mouse IgG2a	Detection of human proliferating cells	PE	100 tests	130-091-728
			APC	100 tests	130-091-727
CD73	AD2, mouse IgG1	Detection of human CD73 ⁺ cells	PE	100 tests	130-095-182
			APC	100 tests	130-095-183
			Biotin	100 tests	130-095-184
			pure	100 µg in 1 mL	130-095-185
CD83	HB15, mouse IgG1	Detection of CD83 expression on human cells, e.g., on mature DCs	PE	100 tests	130-094-181
			APC	100 tests	130-094-186
			Biotin	100 tests	130-094-177
CD84	MZ18-21F6, mouse IgG1	Detection of CD84 expression on human cells	FITC	100 tests	130-093-278
			PE	100 tests	130-093-277
			APC	100 tests	130-093-276
			Biotin	100 tests	130-093-275
CD86	FM95, mouse IgG1	Detection of CD86 ⁺ monocytes, monitoring of DC maturation	FITC	100 tests	130-094-878
			PE	100 tests	130-094-877
			APC	100 tests	130-094-876
CD90	DG3, mouse IgG1	Detection of human CD90 ⁺ cells	FITC	100 tests	130-095-403
			PE	100 tests	130-095-400
			APC	100 tests	130-095-402
CD95	DX2, mouse IgG1	Detection of CD95 on human and non-human primate cells	FITC	100 tests	130-092-415
			PE	100 tests	130-092-416
			APC	100 tests	130-092-417
			Biotin	100 tests	130-092-418

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD101	BB27, mouse IgG1	Identification of CD101 ⁺ monocytes, granulocytes, subsets of dendritic cells (DCs) and some subpopulations of FoxP3 ⁺ Tregs	PE	new 100 tests	130-095-225
			APC	new 100 tests	130-095-132
			Biotin	new 100 tests	130-095-221
CD105	43A4E1, mouse IgG1	Detection of CD105 ⁺ cells	PE	100 tests	130-094-941
			APC	100 tests	130-094-926
			Biotin	100 tests	130-094-916
CD107a	H4A3, mouse IgG1	Detection of human CD107a ⁺ cells	FITC	100 tests	130-095-518
			PE	100 tests	130-095-515
			APC	100 tests	130-095-510
			VioBlue	100 tests	130-095-520
CD117 (A3C6E4)	A3C6E2, mouse IgG1	Detection of human hematopoietic and nonhematopoietic stem and progenitor cells	PE	100 tests	130-091-734
			APC	100 tests	130-091-733
CD117 (AC126)	AC126, mouse IgG1	Detection of human hematopoietic and nonhematopoietic stem and progenitor cells	PE ⁷⁾	100 tests	130-091-735
CD123	AC145, mouse IgG2a	Detection of human basophilic granulocytes	FITC	100 tests	130-090-897
			PE	100 tests	130-090-899
			APC	100 tests	130-090-901
			pure	50 µg in 1 mL	130-090-940
CD127	MB15-18C9, mouse IgG2a	Detection of human IL-7R alpha ⁺ cells and regulatory T cells	FITC ⁷⁾	100 tests	130-094-888
			PE	100 tests	130-094-889
			APC	100 tests	130-094-890
			Biotin	100 tests	130-094-891
			pure	100 µg in 1 mL	130-094-942
CD133/1 (AC133)	AC133, mouse IgG1	Detection of human stem and progenitor cells	PE ⁷⁾	100 tests	130-080-801
			APC ⁷⁾	100 tests	130-090-826
			Biotin ⁷⁾	100 tests	130-090-664
			pure ⁷⁾	50 µg in 1 mL	130-090-422
CD133/1 (W6B3C1)	W6B3C1, mouse IgG1	Evaluation of CD133 expression in human tissue by Western blot analysis	pure	100 µg in 1 mL	130-092-395
CD133/2 (293C3)	293C3, mouse IgG2b	Detection of human stem and progenitor cells	PE	100 tests	130-090-853
			APC	100 tests	130-090-854
			Biotin	100 tests	130-090-852
			pure	50 µg in 1 mL	130-090-851
CD133/2 (AC141)	AC141, mouse IgG1	Detection of human stem and progenitor cells	PE	100 tests	130-080-901
			pure	50 µg in 1 mL	130-090-423
CD133/2 – CE-marked	293C3, mouse IgG2b	Intended for the <i>in vitro</i> diagnostic identification of CD133 ⁺ cells by flow cytometry. CE-marked in compliance with the European Union Directive 98/79/EC for <i>in vitro</i> diagnostic medical devices. This product is not available in the USA.	PE	100 tests ¹⁴⁾	170-070-702
CD134 (OX40)	ACT35, mouse IgG1	Detection of activated human CD134 ⁺ T cells	PE	100 tests	130-095-270
			APC	100 tests	130-095-272
			Biotin	100 tests	130-095-274
CD137	4B4-1, mouse IgG1	Detection of activated human antigen-specific CD137 ⁺ T cells	PE	100 tests	130-093-475
			APC	100 tests	130-094-821
			Biotin	100 tests	130-094-824
CD138	B-B4, mouse IgG1	Detection of normal and malignant human plasma cells	PE	100 tests	130-081-301
			APC	100 tests	130-091-250

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD141 (BDCA-3)	AD5-14H12, mouse IgG1	Detection of human CD141 (BDCA-3) ⁺ type-2 myeloid dendritic cells (MDC2s)	FITC	100 tests	130-090-513
			PE	100 tests	130-090-514
			APC	100 tests	130-090-907
			Biotin	100 tests	130-090-749
			pure	100 µg in 1 mL	130-090-694
CD146	541-10B2, mouse IgG1	Detection of endothelial cells, smooth muscle cells, follicular dendritic cells, melanoma cells, and a sub-population of activated T lymphocytes	FITC	100 tests	130-092-851
			PE	100 tests	130-092-853
			APC	100 tests	130-092-849
			Biotin	100 tests	130-092-852
			pure	100 µg in 1 mL	130-092-850
CD154	5C8, mouse IgG2a	Detection of activated human or non-human primate CD4 ⁺ T cells	FITC	new 100 tests	130-096-233
			PE	100 tests	130-092-289
			APC	100 tests	130-092-290
			VioBlue	new 100 tests	130-096-217
			PE-Vio770	new 100 tests	130-096-793
			APC-Vio770	new 100 tests	130-096-603
			Biotin	100 tests	130-092-690
CD158a/h (KIR2DL1/DS1)	11PB6, mouse IgG1	Detection of killer-immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	FITC	100 tests	130-092-811
			PE	100 tests	130-092-684
			APC	100 tests	130-092-685
			VioBlue	100 tests	130-095-233
			Biotin	100 tests	130-092-683
			pure	100 µg in 1 mL	130-092-682
CD158b (KIR2DL2/DL3)	DX27, mouse IgG2a	Detection of killer-immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	PE	100 tests	130-092-618
			APC	100 tests	130-092-617
			PerCP	100 tests	130-095-285
			pure	100 µg in 1 mL	130-092-615
CD158e (KIR3DL1)	DX9, mouse IgG1	Detection of killer-immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	FITC	100 tests	130-092-568
			PE	100 tests	130-092-473
			APC	100 tests	130-092-474
			VioBlue	100 tests	130-095-234
			PerCP	100 tests	130-095-287
			Biotin	100 tests	130-092-475
			pure	100 µg in 1 mL	130-092-555
CD158e/k (KIR3DL1/DL2)	5.133, mouse IgG1	Detection of killer-immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	PE	100 tests	130-095-205
			Biotin	100 tests	130-095-201
			pure	100 µg in 1 mL	130-095-199
CD158f	UP-R 1, mouse IgG1	Detection of CD158f (KIR 2DL5) on human NK cells and subsets of T cells	PE	new 100 tests	130-096-199
			pure	new 100 µg in 1 mL	130-096-200
CD158i (KIR2DS4)	JJC11.6, mouse IgG1	Detection of killer-immunoglobulin-like receptor (KIR) subtypes on human NK cells and subsets of T cells	PE	100 tests	130-092-680
			APC	100 tests	130-092-681
			Biotin	100 tests	130-092-898
			pure	100 µg in 1 mL	130-092-679

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD161	191B8, mouse IgG2a	Detection of CD161 (NKR-P1 A) on human NK cells and subsets of T cells	FITC	100 tests	130-092-907
			PE	100 tests	130-092-677
			APC	100 tests	130-092-678
			Biotin	100 tests	130-092-906
			pure	100 µg in 1 mL	130-092-676
CD166	3A6, mouse IgG1κ	Stemgent Purified Mouse Anti-Human CD166 Antibody, Detection of human CD166 (ALCAM), e.g., on mesenchymal stromal cells	pure	50 µg	130-095-638
CD178	NOK-1, mouse IgG1	Detection of human CD178 ⁺ (Fas ligand, CD95 L) cells, e.g., activated lymphocytes	PE	new 100 tests	130-096-456
			APC	new 100 tests	130-096-458
			Biotin	new 100 tests	130-096-454
CD197 (CCR7)	FR 11-11E8, mouse IgG1	Detection of chemokine receptor CCR7 on human cells	PE	100 tests	130-093-621
			APC	100 tests	130-093-624
			pure	100 µg in 1 mL	130-093-626
CD200	OX-104, mouse IgG1	Identification and enumeration of human CD200 ⁺ cells	PE	new 100 tests	130-096-819
			APC	new 100 tests	130-096-816
			Biotin	new 100 tests	130-096-817
CD203c	FR 3-16A11, mouse IgG1	Detection of human basophils and mast cells	PE	100 tests	130-092-343
			APC	100 tests	130-092-344
			Biotin	100 tests	130-092-345
			pure	100 µg in 1 mL	130-092-392
CD205	HD30, mouse IgG1κ	Detection of human CD205 ⁺ cells such as thymic epithelial cells and dendritic cells	PE	new 100 tests	130-096-369
			APC	new 100 tests	130-096-378
			Biotin	new 100 tests	130-096-447
			pure	new 100 µg in 1 mL	130-096-439
CD206	DCN228, mouse IgG1	Detection of human CD206 ⁺ cells	FITC	100 tests	130-095-131
			PE	100 tests	130-095-220
			APC	100 tests	130-095-217
			Biotin	100 tests	130-095-214
CD209 (DC-SIGN)	DCN47.5, mouse IgG1	Detection of CD209 (DC-SIGN) on human cells	FITC	100 tests	130-092-873
			PE	100 tests	130-092-869
			APC	100 tests	130-092-871
			Biotin	100 tests	130-092-875
			pure	100 µg in 1 mL	130-092-877
CD226 (DNAM-1)	DX11, mouse IgG1	Detection of DNAM-1 on human NK cells and on subsets of lymphocytes and monocytes, detection of DNAM-1 on non-human primate cells	PE	100 tests	130-092-476
			APC	100 tests	130-092-477
			Biotin	100 tests	130-092-478
			pure	100 µg in 1 mL	130-092-479
CD271 (LNGFR)	ME20.4-1.H4, mouse IgG1	Detection of human CD271 (LNGFR) ⁺ cells, or identification of MACSelect LNGFR-transfected cells	FITC ⁷⁾	100 tests	130-091-917
			PE ⁷⁾	100 tests	130-091-885
			APC ⁷⁾	100 tests	130-091-884
			Biotin ⁷⁾	100 tests	130-091-883
CD276	FM276, mouse IgG2b	Detection of human CD276 ⁺ cells	FITC	100 tests	130-095-527
			PE	100 tests	130-095-525
			APC	100 tests	130-095-522
			Biotin	100 tests	130-095-514

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD279	PD1.3.1.3, mouse IgG2b	Detection of human CD279 ⁺ cells	PE	new 100 tests	130-096-164
			APC	new 100 tests	130-096-166
			Biotin	new 100 tests	130-096-162
CD279 – functional grade	PD1.3.1.3, mouse IgG2b	Suited for functional assays, e.g. blocking of receptor-ligand binding or internalization experiments	pure	new 500 µg in 0.5 mL	130-096-168
CD283	TLR 3.7, mouse IgG1	Identification and enumeration of CD283 ⁺ cells by flow cytometry	PE	new 100 tests	130-096-887
			APC	new 100 tests	130-096-885
			Biotin	new 100 tests	130-096-889
CD284	HTA125, mouse IgG2a	Detection of human CD284 ⁺ cells	PE	new 100 tests	130-096-237
			APC	new 100 tests	130-096-236
CD294 (CRTH2)	BM16, rat IgG2a	Detection of human Th2 cells	PE	100 tests	130-091-238
			Biotin	100 tests	130-091-239
CD303 (BDCA-2)	AC144, mouse IgG1	Detection of human plasmacytoid dendritic cells in blood, lymphoid, and non-lymphoid tissues	FITC ^{?)}	100 tests	130-090-510
			PE ^{?)}	100 tests	130-090-511
			APC ^{?)}	100 tests	130-090-905
			Biotin ^{?)}	100 tests	130-090-691
CD304 (BDCA-4/Neuropilin-1)	AD5-17F6, mouse IgG1	Detection of human plasmacytoid dendritic cells in blood and bone marrow	pure ^{?)}	100 µg in 1 mL	130-090-690
			PE ^{?)}	100 tests	130-090-533
			APC ^{?)}	100 tests	130-090-900
			Biotin ^{?)}	100 tests	130-090-748
CD309 (VEGFR-2/KDR)	ES8-20E6, mouse IgG1	Detection of CD309 (VEGFR-2/KDR) on human angioblasts, endothelial progenitor cells, mature endothelial cells, and a subset of hematopoietic stem cells	pure ^{?)}	100 µg in 1 mL	130-090-693
			PE	new 100 tests	130-093-598
			APC	100 tests	130-093-601
			Biotin	100 tests	130-093-603
CD314 (NKG2D)	BAT221, mouse IgG1	Detection of NKG2D ⁺ human or non-human primate cells	pure	new 100 µg in 1 mL	130-095-324
			PE	100 tests	130-092-672
			APC	100 tests	130-092-673
			Biotin	100 tests	130-092-825
CD324 (E-Cadherin)	67A4, mouse IgG1	Detection of CD324 (E-cadherin) ⁺ cells	pure	100 µg in 1 mL	130-092-686
			PE	100 tests ¹⁾	130-095-413
			APC	100 tests ¹⁾	130-095-412
			PE	100 tests	130-080-301
CD326 (EpCAM)	HEA-125, mouse IgG1	Detection of normal and malignant human epithelial cells	FITC	100 tests	130-080-301
			PE	100 tests	130-091-253
			APC	100 tests	130-091-254
CD335 (NKp46)	9E2, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) NKp46 on human NK cells	PE	100 tests	130-092-607
			APC	100 tests	130-092-609
			Biotin	100 tests	130-093-399
			pure	100 µg in 1 mL	130-092-608
CD335 (NKp46) – functional grade	9E2, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) NKp46 on human NK cells	Biotin	100 µg in 1 mL	130-094-659
			pure	100 µg in 1 mL	130-094-271
CD336 (NKp44)	2.29, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) NKp46 on human NK cells	PE	100 tests	130-092-480
			APC	100 tests	130-092-481
			Biotin	100 tests	130-092-482
			pure	100 µg in 1 mL	130-092-556

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD337 (Nkp30)	AF29-4D12, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) Nkp30 on human NK cells, detection of CD337 (Nkp30) on non-human primate cells	PE	100 tests	130-092-483
			APC	100 tests	130-092-484
			Biotin	100 tests	130-092-553
			pure	100 µg in 1 mL	130-092-554
CD337 (Nkp30) – functional grade	AF29-4D12, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) Nkp30 on human NK cells, detection of CD337 (Nkp30) on non-human primate cells	pure	100 µg in 1 mL	130-094-272
CLA	HECA-452, rat IgM	Detection of CLA ⁺ human lymphocytes and monocytes	FITC	100 tests	130-091-636
			PE	100 tests	130-091-635
			Biotin	100 tests	130-091-634
			pure	100 µg in 1 mL	130-092-629
CX3CR1	2A9-1, rat IgG2b	Detection of human CX3CR1 ⁺ cells	PE	new 100 tests	130-096-432
			APC	new 100 tests	130-096-435
			Biotin	new 100 tests	130-096-446
Cytokeratin	CK3-3E4, mouse IgG2a, CK3-11D5, mouse IgG1,	Immunohistochemical detection of normal and malignant human epithelial cells	Alkaline Phosphatase ⁷⁾	up to 50 tests ¹²⁾	130-090-462
Cytokeratin (CK3-3E4)	CK3-3E4, mouse IgG2a	Detection of normal and malignant human epithelial cells	pure ⁷⁾	100 µg in 1 mL	130-090-865
Cytokeratin (CK3-6H5)	CK3-6H5, mouse IgG1	Detection of normal and malignant human epithelial cells	FITC ⁷⁾	100 tests	130-080-101
			pure ⁷⁾	100 µg in 1 mL	130-090-866
DLL4	MHD4-46, mouse IgG1	Detection of human Notch ligand DLL4 ⁺ cells	FITC	new 100 tests	130-096-674
			PE	new 100 tests	130-096-567
			APC	new 100 tests	130-096-560
			VioBlue	new 100 tests	130-096-679
			Biotin	new 100 tests	130-096-564
FCεR1α	CRA1, mouse IgG2b	Detection of FCεR1α expression on human cells	FITC	new 100 tests	130-095-978
			PE	new 100 tests	130-095-979
			APC	new 100 tests	130-095-980
			VioBlue	new 100 tests	130-095-981
			Biotin	new 100 tests	130-095-982
FCεR1α – functional grade	CRA1, mouse IgG2b	Suited for functional assays, for example, blocking of receptor-ligand binding	pure	new 100 µg in 1 mL	130-096-004
FoxP3	3G3, mouse IgG1	Intracellular staining of human, mouse, or non-human primate FoxP3 ⁺ cells	PE	100 tests ³⁾	130-093-014
			APC	100 tests ³⁾	130-093-013
GITR	DT5D3, mouse IgG1	Detection of GITR expression on human T cells	PE	100 tests	130-092-895
			Biotin	100 tests	130-092-886
			pure	100 µg in 1 mL	130-092-885
GITR – functional grade	DT5D3, mouse IgG1	Unconjugated anti-human GITR antibody for <i>in vitro</i> functional assays	pure	500 µg in 0.5 mL	130-093-052
HLA-DR	AC122, mouse IgG2a	Detection of antigen-presenting cells from PBMCs, cord blood, bone marrow, and tissues	FITC ⁷⁾	100 tests	130-095-295
			PE	100 tests	130-095-298
			APC	100 tests	130-095-297
			VioBlue ⁷⁾	100 tests	130-095-293
			PerCP ⁷⁾	100 tests	130-095-291
HLA-E	3D12, mouse IgG1	Detection of human HLA-E ⁺ cells	PE	new 100 tests	130-096-849
			APC	new 100 tests	130-096-846
			Biotin	new 100 tests	130-096-890

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
IL-2	N7.48 A, mouse IgG2a	Intracellular staining of IL-2–producing human or non-human primate cells	PE	100 tests	130-091-646
			APC	100 tests	130-091-644
IL-4	7A3-3, mouse IgG1	Intracellular staining of IL-4–producing human or non-human primate cells	PE	100 tests	130-091-647
IL-4 – functional grade	7A3-3, mouse IgG1	Unconjugated antibody for functional assays, e.g. neutralization of IL-4 activity	pure	500 µg in 0.5 mL	130-095-753
IL-5	JES1-39D10, rat IgG2a	Intracellular staining of IL-5–producing human or non-human primate cells	PE	100 tests	130-091-648
			APC	100 tests	130-091-834
IL-9	MH9D1, mouse IgG2a	Intracellular staining of IL-9 producing cells	PE	new 100 tests	130-096-716
			APC	new 100 tests	130-096-718
IL-9 – functional grade	MH9D1, mouse IgG2a	Functional grade antibody suited for functional assays, e.g., neutralization of IL-9 activity	pure	new 500 µg in 0.5 mL	130-096-860
IL-10	JES3-9D7, rat IgG1	Intracellular staining of IL-10 producing cells	PE	100 tests	130-096-043
			APC	100 tests	130-096-042
IL-10 – functional grade	JES3-9D7, rat IgG1	Unconjugated antibody for functional assays, e.g. neutralization of IL-10 activity	pure	500 µg in 0.5 mL	130-096-041
IL-12 (p35/p70)	B-T21, mouse IgG1	Intracellular staining of IL-12–producing human cells	PE	100 tests	130-093-432
			APC	100 tests	130-093-431
IL-12 (p40/p70)	C8.6, mouse IgG1	Intracellular staining of IL-12–producing human or non-human primate cells	PE	100 tests	130-092-774
			APC	100 tests	130-092-775
IL-12 (p40/p70) – functional grade	C8.6, mouse IgG1	Unconjugated antibody for functional assays, e.g., neutralization of IL-12 activity	pure	500 µg in 0.5 mL	130-095-755
IL-13	JES10-5A2.2, rat IgG1	Intracellular staining of IL-13–producing human or non-human primate cells	PE	100 tests	130-092-964
IL-13 – functional grade	JES10-5A2.2, rat IgG1	Functional grade antibody for <i>in vitro</i> assays, e.g. neutralization of IL-13 activity	pure	new 500 µg in 0.5 mL	130-096-210
IL-17 A	CZ8-23G1, mouse IgG1	Intracellular staining of IL-17 A–producing human or non-human primate cells	FITC	100 tests	130-094-520
			PE	100 tests	130-094-521
			APC	100 tests	130-094-519
IL-21	3A3-N2, mouse IgG1	Intracellular staining of IL-21–producing human cells	PE	new 100 tests	130-096-868
			APC	new 100 tests	130-096-882
IFN-α	LT27:295, mouse IgG1	Intracellular staining of IFN-α–producing human cells	FITC	100 tests	130-092-600
			PE	100 tests	130-092-601
			APC	100 tests	130-092-602
			pure	100 µg in 1 mL	130-092-604
IFN-γ	45-15, mouse IgG1	Intracellular staining of IFN-γ–producing human or non-human primate cells	FITC	100 tests	130-091-641
			PE	100 tests	130-091-653
			APC	100 tests	130-091-640
IFN-γ – functional grade	45-15, mouse IgG1	Unconjugated antibody for functional assays, e.g., neutralization of IFN-γ activity	pure	500 µg in 0.5 mL	130-095-743
Ig κ Light Chain	IS11-24D5, mouse IgG1	Detection of human immunoglobulins with κ light chains	FITC	100 tests	130-093-053
			PE	100 tests	130-093-054
			APC	100 tests	130-093-043
			Biotin	100 tests	130-093-042
			pure	100 µg in 1 mL	130-093-041

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
Ig λ Light Chain	IS7-24C7, mouse IgG1	Detection of human or non-human primate immunoglobulins with λ light chains	FITC	100 tests	130-093-040
			PE	100 tests	130-093-039
			APC	100 tests	130-093-038
			Biotin	100 tests	130-093-025
			pure	100 µg in 1 mL	130-093-024
IgA	IS11-8E10, mouse IgG1	Detection of human IgA	FITC	100 tests	130-093-071
			PE	100 tests	130-093-128
			APC	100 tests	130-093-113
			Biotin	100 tests	130-093-114
			pure	100 µg in 1 mL	130-093-073
IgA2	IS11-21E11, mouse IgG1	Detection of human IgA2	FITC	100 tests	130-093-069
			PE	100 tests	130-093-070
			APC	100 tests	130-093-079
			Biotin	100 tests	130-093-080
			pure	100 µg in 1 mL	130-093-081
IgD	IgD26, mouse IgG1	Detection of IgD ⁺ human cells	FITC ²⁾	100 tests	130-094-552
			PE	100 tests	130-094-539
			APC	100 tests	130-094-553
			Biotin	100 tests	130-094-554
			pure	100 µg in 1 mL	130-094-555
IgE	MB10-5C4, mouse IgG1	Detection of human IgE	FITC	100 tests	130-093-065
			PE	100 tests	130-093-066
			APC	100 tests	130-093-067
			Biotin	100 tests	130-093-068
			pure	100 µg in 1 mL	130-093-127
IgG	IS11-3B2.2.3, mouse IgG1	Detection of human IgG	FITC	100 tests	130-093-192
			PE	100 tests	130-093-193
			APC	100 tests	130-093-194
			Biotin	100 tests	130-093-195
			pure	100 µg in 1 mL	130-093-197
IgG1	IS11-12E4.23.20, mouse IgG1	Detection of human IgG1	PE	100 tests	130-093-188
			APC	100 tests	130-093-189
			Biotin	100 tests	130-093-190
IgM	PJ2-22H3, mouse IgG1	Detection of human IgM	PE	100 tests	130-093-075
			APC	100 tests	130-093-076
			Biotin	100 tests	130-093-077
			pure	100 µg in 1 mL	130-093-078
iNKT	6B11, mouse IgG1	Detection of human invariant NKT cells expressing the T cell receptor Vα24-Jα18 combined with Vβ11	PE	100 tests	130-094-838
			APC	100 tests	130-094-839
			Biotin	100 tests	130-094-841
iNKT – functional grade	6B11, mouse IgG1	Unconjugated anti-human iNKT antibody for specific activation and expansion of iNKT cells	pure	100 µg in 1 mL	130-094-865
KIR 2D	NKVFS1, mouse IgG1	Detection of killer-immunoglobulin-like receptors (KIRs) on human or non-human primate NK cells and subsets of T cells	PE	100 tests	130-092-688
			APC	100 tests	130-092-687
			Biotin	100 tests	130-092-904
			pure	100 µg in 1 mL	130-092-689

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Antibodies • Human

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
Klf4	56CT5, mouse IgG1κ	Stemgent Purified Mouse anti-Mouse/Human Klf4 Antibody, Intracellular staining of human or mouse Klf4 ⁺ cells	pure	100 µL	130-095-633
LAP (TGF-β1)	CH6-17E5.1, mouse IgG1	Detection of human LAP (TGF-β1) ⁺ cells	PE	new 100 tests	130-096-666
			APC	new 100 tests	130-096-573
			Biotin	new 100 tests	130-096-735
Lin28	6D1F9, mouse IgG1κ	Stemgent Affinity Purified anti-Human LIN28 Antibody, Intracellular staining of human or mouse LIN28 ⁺ cells	pure	100 µL	130-095-634
Melanoma (MCSP)	EP-1, mouse IgG1	Detection of human melanoma cells	PE	100 tests	130-091-225
			APC	100 tests	130-091-252
MSCA-1 (W8B2)	W8B2, mouse IgG1	Detection of MSCA-1 ⁺ human mesenchymal stromal cells	PE	100 tests	130-093-587
			APC	100 tests	130-093-589
			Biotin	100 tests	130-093-593
			pure	100 µg in 1 mL	130-093-595
Nanog	Polyclonal, rabbit IgG	Stemgent Affinity Purified anti-Mouse/Human Nanog Antibody, Intracellular staining of human or mouse Nanog ⁺ cells	pure	100 µL	130-095-632
NKp80	4A4.D10, mouse IgG1	Detection of NKp80 ⁺ NK cells and T cells by flow cytometry or fluorescence microscopy	FITC	100 tests	130-094-843
			PE	100 tests	130-094-844
			APC	100 tests	130-094-845
			Biotin	100 tests	130-095-114
			pure	100 µg in 1 mL	130-094-846
O4	O4, mouse IgM	For the isolation of O4-positive oligodendrocytes	PE	new 100 tests	130-095-887
			APC	new 100 tests	130-095-891
			Biotin	new 100 tests ²⁾	130-095-895
Oct4	Polyclonal, rabbit IgG	Stemgent Purified Rabbit anti-Mouse/Human Oct4 Antibody, Intracellular staining of human or mouse Oct4 ⁺ cells	pure	100 µL	130-095-635
Pax6	Polyclonal, rabbit IgG	Stemgent Purified Rabbit anti-Mouse/Human Pax6 Antibody, Intracellular staining of human or mouse Pax6 ⁺ cells	pure	50 µg	130-095-598
Perforin	delta G9, mouse IgG2b	Identification and enumeration of perforin-producing cells, e.g., T and NK cells	FITC	new 100 tests	130-096-668
			PE	new 100 tests	130-096-578
			APC	new 100 tests	130-096-569
			VioBlue	new 100 tests	130-096-671
			Biotin	new 100 tests	130-096-760
PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM on neuronal-restricted human, mouse, and rat precursor cells	PE	100 tests ¹⁾	130-093-274
			APC	100 tests ¹⁾	130-093-273
PTK7 (CCK-4)	188B, mouse IgG2a	Detection of human plasmacytoid dendritic cells, type-2 myeloid dendritic cells, and hematopoietic progenitor cells in blood and bone marrow	PE	100 tests	130-091-364
			APC	100 tests	130-091-366
			Biotin	100 tests	130-091-365
			pure	100 µg in 1 mL	130-091-578
Slan (M-DC8)	DD-1, mouse IgM	Detection of Slan (M-DC8) on human monocytic cells	FITC	100 tests	130-093-027
			PE	100 tests	130-093-029
			APC	100 tests	130-093-031
			Biotin	100 tests	130-093-033
Sox1	Polyclonal, rabbit IgG	Stemgent Purified Rabbit Anti-Human Sox1 Antibody, Intracellular staining of human or mouse Sox2 ⁺ cells	pure	100 µL	130-096-222

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.	
Sox2	Polyclonal, rabbit IgG	Stemgent Purified anti-Mouse/Human Sox2 Antibody , Intracellular staining of human or mouse Sox2 ⁺ cells	pure	100 µL	130-095-636	
SSEA-1	MC-480, mouse IgMk	Stemgent Phycoerythrin (PE) anti-Mouse/Human SSEA-1 Antibody	PE	1 mL	130-095-618	
		Stemgent DyLight 488 Mouse anti-Mouse/Human SSEA-1 Antibody ¹⁾	DyLight 488	50 µg	130-095-671	
		Stemgent StainAlive DyLight 488 Mouse anti-SSEA-1 Antibody ¹⁾	DyLight 488	50 µg	130-095-668	
		Stemgent StainAlive DyLight 549 Mouse anti-Mouse/Human SSEA-1 Antibody ¹⁾	DyLight 549	50 µg	130-095-974	
		Stemgent DyLight 549 Mouse anti-Mouse/Human SSEA-1 Antibody ¹⁾	DyLight 549	50 µg	130-095-676	
SSEA-3	MC-631, rat IgMk	Stemgent Phycoerythrin (PE) Rat anti-Human SSEA-3 Antibody , Detection of SSEA-3 ⁺ cells	PE	50 assays	130-095-597	
		Stemgent Affinity Purified anti-Human SSEA-3 Antibody , Detection of SSEA-3 ⁺ cells	pure	50 µg	130-095-629	
SSEA-4	MC-813-70, mouse IgG3k	Stemgent Phycoerythrin (PE) anti-Human SSEA-4 Antibody , Detection of SSEA-4 ⁺ cells	PE	1 mL	130-095-619	
		Stemgent Affinity Purified anti-Human SSEA-4 Antibody , Detection of SSEA-4 ⁺ cells	pure	50 µg	130-095-622	
TCR-Vδ2	123R3, mouse IgG1	Detection of human Vδ2 ⁺ cells	FITC	new	100 tests	130-095-798
			PE	new	100 tests	130-095-796
			APC	new	100 tests	130-095-803
			Biotin	new	100 tests	130-095-795
TCRα/β	BW242/412, mouse IgG2b	Detection of human T cells	PE		100 tests	130-091-236
			APC		100 tests	130-091-237
TIGIT (WUCAM)	4E1.2, mouse IgG3	Detection of human TIGIT (WUCAM) ⁺ cells, such as subsets of T cells and NK cells	Biotin	new	100 tests	130-096-382
TNF-α	cA2, human IgG1	Unconjugated antibody for functional assays, e.g., neutralization of TNF-α activity	pure	500 µg in 0.5 mL	130-095-749	
TNF-α	cA2, human IgG1	Intracellular staining of TNF-α-producing human cells	FITC		100 tests	130-091-650
			PE		100 tests	130-091-651
			APC		100 tests	130-091-649
			PE-Vio770	new	100 tests	130-096-755
			APC-Vio770	new	100 tests	130-096-613
TRA-1-60	TRA-1-60, mouse IgMk	Stemgent Phycoerythrin (PE) anti-Human TRA-1-60 Antibody	PE	1 mL	130-095-624	
		Stemgent StainAlive DyLight 488 Mouse anti-Human TRA-1-60 Antibody ¹⁾	DyLight 488	50 µg	130-095-669	
		Stemgent Affinity Purified anti-Human TRA-1-60 Antibody	pure	50 µg	130-095-625	

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
TRA-1-81	TRA-1-81, mouse IgMk	Stemgent Phycoerythrin (PE) anti-Human TRA-1-81 Antibody	PE	1 mL	130-095-627
		Stemgent StainAlive DyLight 488 Mouse anti-Human TRA-1-81 Antibody^{*)}	DyLight 488	50 µg	130-095-670
		Stemgent DyLight 549 Mouse anti-Human TRA-1-81 Antibody^{*)}	DyLight 549	50 µg	130-095-675
		Stemgent Affinity Purified anti-Human TRA-1-81 Antibody	pure	50 µg	130-095-626
Vimentin	EPR 3776, rabbit IgG	Stemgent Rabbit anti-Human Vimentin Antibody , Intracellular staining of human Vimentin ⁺ cells	pure	100 µL	130-095-599

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Kits for cell detection and enumeration • Human

Product	Description		Capacity/Content	Order no.
Blood Dendritic Cell Enumeration Kit	Identification and enumeration of dendritic cells and dendritic cell subsets in human whole blood and PBMCs		50 tests ¹¹⁾	130-091-086
Blood Dendritic Cell Enumeration Kit	Identification and enumeration of dendritic cells and dendritic cell subsets in human whole blood and PBMCs		100 tests ¹¹⁾	130-091-324
Carcinoma Cell Detection Kit	Detection of cytokeratin expression in human epithelial tumor cells		up to 100 tests ⁴⁾	130-090-463
Carcinoma Cell Enrichment and Detection Kit – Immunocytochemistry	Positive selection and subsequent detection of human cytokeratin-expressing epithelial tumor cells		1–3×10 ⁹ total cells	130-060-301
CD4 ⁺ RTE Enumeration Kit	Identification and enumeration of CD4 ⁺ recent thymic emigrants from human whole blood or PBMCs		50 tests ¹⁰⁾	130-092-055
CD4 ⁺ RTE Enumeration Kit	Identification and enumeration of CD4 ⁺ recent thymic emigrants from human whole blood or PBMCs		2×50 tests ¹⁰⁾	130-092-056
CD326 (EpCAM) Tumor Cell Enrichment and Detection Kit	Positive selection or depletion of CD326 (EpCAM) ⁺ epithelial tumor cells followed by immunocytochemical staining of intracellular cytokeratins		1×10 ⁹ total cells	130-090-500
cEC Enrichment & Enumeration Kit	Enumeration of mature circulating endothelial cells from peripheral blood	new	20 tests ⁹⁾	130-096-170
EPC Enrichment and Enumeration Kit	Enumeration of endothelial progenitor cells based on the expression of CD34, CD133, and CD309 (VEGFR-2/KDR)		20 tests ⁶⁾	130-093-477
ErbB-2 Tumor Cell Enrichment and Detection Kit	Positive selection of human ErbB-2 (HER-2/neu) ⁺ epithelial tumor cells followed by immunocytochemical staining of intracellular cytokeratins		1×10 ⁹ total cells	130-090-499
Melanoma Cell Enrichment and Detection Kit	Positive selection and followed by immunocytochemical detection of melanoma cells		1×10 ⁹ total cells	130-090-523
Mo-DC Differentiation Inspector	Antibody cocktail for the evaluation of the differentiation stage of monocyte-derived dendritic cells		100 tests ⁵⁾	130-093-567
MSC Phenotyping Kit	Phenotyping of cultured human mesenchymal stromal cells (MSCs) based on ISCT standards		50 tests ³⁾	130-095-198
Stemgent Alkaline Phosphatase Staining Kit ^{*)}	Detection of alkaline phosphatase–positive cells		50 assays	130-095-610
Stemgent Alkaline Phosphatase Staining Kit II ^{*)}	Detection of alkaline phosphatase–positive cells		50 assays	130-095-616
Stemgent Human ES/iPS Cell Characterization Set	Detection of alkaline phosphatase activity and four pluripotency markers SSEA-4, TRA-1-60, Oct4, and Nanog		50 assays	130-095-613
Stemgent Human MSC Characterization Set	Detection of mesenchymal stem cells (MSCs) derived from human bone marrow and other sources by immunocytochemistry (ICC)		50 assays	130-095-614

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Product	Description	Capacity/ Content	Order no.
Stemgent Mouse/Human ES/iPS Cell Nuclear Marker Set	Detection of Nanog, Sox2, and Oct4	50 assays	130-095-615
Stemgent Pluripotency Characterization Set	Detection of alkaline phosphatase activity, cell-surface stage-specific antigens (SSEA-1, SSEA-3, and SSEA-4) as well as expression of TRA-1-60 and TRA-1-81 antigens	50 assays	130-095-611
Treg Detection Kit (CD4/CD25/CD127)	Identification of Treg cells from PBMC, whole blood, apheresis or cord blood	25 tests	130-096-076
Treg Detection Kit (CD4/CD25/CD127)	Identification of Treg cells from PBMC, whole blood, apheresis or cord blood	100 tests	130-096-082
Treg Detection Kit (CD4/CD25/FoxP3) (APC)	Kit for flow cytometric detection of human CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells	100 tests ⁴⁾	130-094-158
Treg Detection Kit (CD4/CD25/FoxP3) (PE)	Kit for flow cytometric detection of human CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells	100 tests ⁴⁾	130-094-163

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

MACS Control Cocktails • Human

Product	Description	Capacity/ Content	Order no.
MC CD14 Monocyte Cocktail	For control staining of human monocytes after isolation with either CD14 MicroBeads or the Monocyte Isolation Kit II	50 tests	130-092-859
MC CD19 B Cell Cocktail	For control staining of human B cells after isolation with either CD19 MicroBeads, CD20 MicroBeads, or the B Cell Isolation Kit II	50 tests	130-092-860
MC CD3 Pan T Cell Cocktail	For control staining of human T cells after separation with either CD3 MicroBeads or the Pan T Cell Isolation Kit II	50 tests	130-092-881
MC CD34 Stem Cell Cocktail	Control staining of human stem cells after isolation with the CD34 MicroBead Kit or the Indirect CD34 MicroBead Kit	50 tests	130-093-427
MC CD34/CD133 Stem Cell Cocktail	For control staining of human stem cells after isolation with the CD133 MicroBead Kit	50 tests	130-092-882
MC CD4 T Cell Cocktail	For control staining of human T helper cells after separation with either CD4 MicroBeads or the CD4 ⁺ T Cell Isolation Kit II	50 tests	130-092-914
MC CD8 T Cell Cocktail	For control staining of human cytotoxic T cells after separation with either CD8 MicroBeads or the CD8 ⁺ T Cell Isolation Kit	50 tests	130-092-912

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Cytokine detection kits • Human

Product	Description	Capacity/ Content	Order no.
CD154/IFN-γ/CD4 Detection Kit	Complete kit for intracellular cytokine staining of activated, antigen-specific T cells from human PBMCs or whole blood	100 tests ¹⁾	130-092-814
CD154/IL-2/CD4 Detection Kit	Complete kit for intracellular cytokine staining of activated, antigen-specific T cells from human PBMCs or whole blood	100 tests ¹⁾	130-092-818
CD154/IL-4/CD4 Detection Kit	Complete kit for intracellular cytokine staining of activated, antigen-specific T cells from human PBMCs or whole blood	100 tests ¹⁾	130-092-817
CD154/IL-5/CD4 Detection Kit	Complete kit for intracellular cytokine staining of activated, antigen-specific T cells from human PBMCs or whole blood	100 tests ¹⁾	130-092-812
CD154/TNF-α/CD4 Detection Kit	Complete kit for intracellular cytokine staining of activated, antigen-specific T cells from human PBMCs or whole blood	100 tests ¹⁾	130-092-813
IL-2 Secretion Assay – Detection Kit (APC)	Detection of human IL-2–secreting cells	100 tests ⁴⁾	130-090-763
IL-2 Secretion Assay – Detection Kit (PE)	Detection of human IL-2–secreting cells	100 tests ⁴⁾	130-090-487
IL-4 Secretion Assay – Detection Kit (PE)	Detection of human IL-4–secreting cells	100 tests ⁴⁾	130-054-102

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Cytokine detection kits • Human

Product	Description	Capacity/ Content	Order no.
IL-5 Secretion Assay – Detection Kit (APC)	Detection of human IL-5–secreting cells	100 tests ⁴⁾	130-091-624
IL-5 Secretion Assay – Detection Kit (PE)	Detection of human IL-5–secreting cells	100 tests ⁴⁾	130-091-623
IL-10 Secretion Assay – Detection Kit (APC)	Detection of human IL-10–secreting cells	100 tests ⁴⁾	130-090-761
IL-10 Secretion Assay – Detection Kit (PE)	Detection of human IL-10–secreting cells	100 tests ⁴⁾	130-090-434
IL-12 Secretion Assay – Detection Kit (PE)	Detection of human IL-12–secreting cells	100 tests ⁴⁾	130-092-124
IL-13 Secretion Assay – Detection Kit (PE)	Detection of human IL-13–secreting cells	100 tests ⁴⁾	130-093-479
IL-17 Secretion Assay – Detection Kit (APC)	Detection of viable human IL-17–secreting cells	100 tests ⁴⁾	130-094-536
IL-17 Secretion Assay – Detection Kit (PE)	Detection of viable human IL-17–secreting cells	100 tests ⁴⁾	130-094-537
IFN-α Secretion Assay – Detection Kit (PE)	Detection of human IFN-α–secreting cells	100 tests ⁴⁾	130-094-161
IFN-γ Secretion Assay – Detection Kit (APC)	Detection of human IFN-γ–secreting cells	100 tests ⁴⁾	130-090-762
IFN-γ Secretion Assay – Detection Kit (FITC)	Detection of human IFN-γ–secreting cells	100 tests ⁴⁾	130-090-433
IFN-γ Secretion Assay – Detection Kit (PE)	Detection of human IFN-γ–secreting cells	100 tests ⁴⁾	130-054-202
TNF-α Secretion Assay – Detection Kit (APC)	Detection of human TNF-α–secreting cells	100 tests ⁴⁾	130-091-267
TNF-α Secretion Assay – Detection Kit (PE)	Detection of human TNF-α–secreting cells	100 tests ⁴⁾	130-091-268

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 μL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Isotype control antibodies • Human

Product	Clone Isotype	Description	Conjugate	Capacity/ Content	Order no.
Mouse IgG1 antibodies	IS5-21F5, mouse IgG1	Isotype control antibody for flow cytometric analysis of human cells	FITC	100 tests	130-092-213
			PE	100 tests	130-092-212
			APC	100 tests	130-092-214
			VioBlue	100 tests	130-094-670
			VioGreen <i>new</i>	100 tests	130-096-919
			PerCP	100 tests	130-094-968
			APC-Vio770 <i>new</i>	100 tests	130-096-653
Mouse IgG2a antibodies	S43.10, mouse IgG2a	Isotype control antibody for flow cytometric analysis of human cells	FITC	100 tests	130-091-837
			PE	100 tests	130-091-835
			APC	100 tests	130-091-836
			VioBlue	100 tests	130-094-671
			VioGreen <i>new</i>	100 tests	130-096-923
			PerCP	100 tests	130-094-967
			PE-Vio770 <i>new</i>	100 tests	130-096-638
APC-Vio770 <i>new</i>	100 tests	130-096-637			

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 μL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Product	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
Mouse IgG2b antibodies	IS6-11E5.11, mouse IgG2b	Isotype control antibody for flow cytometric analysis of human cells	FITC	100 tests	130-092-216
			PE	100 tests	130-092-215
			APC	100 tests	130-092-217
			Biotin	100 tests	130-092-466
Mouse IgM antibodies	IS5-20C4, mouse IgM	Isotype control antibody for flow cytometric analysis of human cells	FITC	100 tests	130-093-178
			PE	100 tests	130-093-177
			APC	100 tests	130-093-176
			Biotin	100 tests	130-093-175

One test corresponds to labeling of up to 10^7 cells in a total volume of 100 μ L, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antibodies • Non-human primate

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	Detection of human CD1c (BDCA-1) ⁺ myeloid dendritic cells (MDC1s), detection of non-human primate myeloid blood dendritic cells	FITC ^{?)}	100 tests	130-090-507
			PE ^{?)}	100 tests	130-090-508
			APC ^{?)}	100 tests	130-090-903
			Biotin ^{?)} pure ^{?)}	100 tests 100 μ g in 1 mL	130-090-692 130-090-695
CD2	LT2, mouse IgG2b	Detection of human or non-human primate T and NK cells	PE	100 tests	130-091-115
CD2 – functional grade	LT2, mouse IgG2b	Functional grade antibody for human T cell activation and expansion	Biotin	100 μ g in 1 mL	130-093-376
CD3	10D12, mouse IgG1	Detection of CD3 ⁺ non-human primate cells	PE ^{?)}	100 tests	130-092-009
			APC ^{?)}	100 tests	130-091-998
			Biotin ^{?)}	100 tests	130-092-008
CD4	M-T466, mouse IgG1	Detection of human or non-human primate T helper cells, identification of MACSelect 4–transfected cells	FITC	100 tests	130-080-501
			PE	100 tests	130-091-231
			APC	100 tests	130-091-232
CD6	M-T411, mouse IgG1	Detection of human T and B cells, detection of CD6 ⁺ non-human primate cells	FITC ^{?)}	100 tests	130-091-482
			PE	100 tests	130-091-233
			APC	100 tests	130-091-234
CD8	BW135/80, mouse IgG2a	Detection of human cytotoxic T cells, detection of CD8 ⁺ non-human primate cells	FITC	100 tests	130-080-601
			PE	100 tests	130-091-084
			APC	100 tests	130-091-076
			VioBlue	100 tests	130-094-152
			VioGreen	new 100 tests	130-096-902
			PerCP	100 tests	130-094-972
CD11b	M1/70.15.11.5, rat IgG2b	Detection of human and mouse myeloid cells; detection of CD11b ⁺ non-human primate cells	PE-Vio770	new 100 tests	130-096-556
			APC-Vio770	new 100 tests	130-096-561
CD11b	M1/70.15.11.5, rat IgG2b	Detection of human and mouse myeloid cells; detection of CD11b ⁺ non-human primate cells	FITC	100 tests	130-081-201
			PE	100 tests	130-091-240
			APC	100 tests	130-091-241
			APC-Vio770	new 100 tests	130-096-834

One test corresponds to labeling of up to 10^7 cells in a total volume of 100 μ L, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antibodies • Non-human primate

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD14	TÜK4, mouse IgG2a	Detection of human or non-human primate monocytes and macrophages	FITC	100 tests	130-080-701
			PE	100 tests	130-091-242
			APC	100 tests	130-091-243
			VioBlue	100 tests	130-094-364
			VioGreen	new 100 tests	130-096-875
			PerCP	100 tests	130-094-969
			PE-Vio770	new 100 tests	130-096-628
CD16	VEP13	Detection of human or non-human primate CD16 ⁺ cells	FITC	new 100 tests	130-091-244
			PE	new 100 tests	130-091-245
			APC	new 100 tests	130-091-246
			VioGreen	new 100 tests	130-096-879
			APC-Vio770	new 100 tests	130-096-655
CD20	LT20, mouse IgG1	Detection of human or non-human primate B cells	FITC	100 tests	130-091-108
			PE	100 tests	130-091-109
			VioBlue	100 tests	130-094-167
			VioGreen	new 100 tests	130-096-904
CD25	4E3, mouse IgG2b	Detection of activated human T and B cells, and regulatory T cells, detection of CD25 ⁺ non-human primate cells	PE	100 tests	130-091-024
			APC	100 tests	130-092-858
			Biotin	100 tests	130-091-235
			PerCP	100 tests	130-094-976
CD27	M-T271, mouse IgG1	Detection of CD27 on human or non-human primate T, B, and NK cells	FITC	100 tests	130-093-184
			PE	100 tests	130-093-185
			APC	100 tests	130-093-186
			Biotin	100 tests	130-093-196
CD28	15E8, mouse IgG1	Detection of CD28 on human or non-human primate leukocytes	PE	100 tests	130-092-921
			APC	100 tests	130-092-923
			Biotin	100 tests	130-092-955
CD28 – functional grade	15E8, mouse IgG1	Functional grade antibody for human T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-386
			pure	100 µg in 1 mL	130-093-375
CD31	AC128, mouse IgG1	Detection of CD31 on human or non-human primate cells	FITC	100 tests	130-092-654
			PE	100 tests	130-092-653
			APC	100 tests	130-092-652
CD33	AC104.3E3, mouse IgG1	Detection of human or non-human primate myeloid cells	PE	100 tests	130-091-732
			APC ^{?)}	100 tests	130-091-731
CD39	MZ18-23C8, mouse IgG1	Detection of human or non-human primate CD39 ⁺ regulatory T cells and other CD39-expressing cells	FITC	100 tests	130-093-502
			PE	100 tests	130-093-503
			APC	100 tests	130-093-504
			Biotin	100 tests	130-093-505
			pure	100 µg in 1 mL	130-093-506
CD40	HB14, mouse IgG1	Detection of CD40 on human or non-human primate B cells, macrophages, follicular dendritic cells, and a subset of peripheral T cells	PE	100 tests	130-094-135
			APC	100 tests	130-094-137
			Biotin	100 tests	130-094-142
			pure	100 µg in 1 mL	130-094-133

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD45	MB4-6D6, mouse IgG1	Detection of non-human primate leukocytes	FITC	100 tests	130-091-898
			PE	100 tests	130-091-897
			APC	100 tests	130-091-900
			Biotin	100 tests	130-091-901
CD45RA	T6D11, mouse IgG2b	Detection of subsets of human T cells and B cells, detection of non-human primate CD45RA ⁺ cells	FITC	100 tests	130-092-247
			PE	100 tests	130-092-248
			APC	100 tests	130-092-249
			VioBlue	100 tests	130-095-464
			VioGreen	new 100 tests	130-096-921
			PerCP ⁷⁾	100 tests	130-095-466
			APC-Vio770	new 100 tests	130-096-604
Biotin ⁷⁾	new 100 tests	130-096-259			
CD49d	MZ18-24A9, mouse IgG2b	Detection of CD49d on human or non-human primate cells	FITC	100 tests	130-093-283
			PE	100 tests	130-093-282
			APC	100 tests	130-093-281
			Biotin	100 tests	130-093-280
			pure	100 µg in 1 mL	130-093-279
CD56	AF12-7H3, mouse IgG1	Detection of human NK cells, detection of CD56 ⁺ non-human primate cells	PE ⁷⁾	100 tests	130-090-755
			APC ⁷⁾	100 tests	130-090-843
			pure ⁷⁾	50 µg in 1 mL	130-090-955
CD61	Y2/51, mouse IgG1	Detection of human or non-human primate megakaryocytes and platelets	PE	100 tests	130-081-501
CD66abce	TET2, mouse IgG2b	Detection of CD66abce expression on human granulocytes, neutrophils, and some epithelial cells, detection of CD66abce expression on non-human primate granulocytes	FITC	100 tests	130-093-132
			PE	100 tests	130-093-133
			APC	100 tests	130-093-155
			Biotin	100 tests	130-093-156
CD69	FN50, mouse IgG1	Detection of activated human T, B, and NK cells, detection of CD69 ⁺ non-human primate cells	FITC	100 tests	130-092-166
			PE	100 tests	130-092-160
			APC	100 tests	130-092-159
			Biotin	100 tests	130-092-161
CD86	FM95, mouse IgG1	Detection of CD86 ⁺ monocytes, monitoring of DC maturation	FITC	100 tests	130-094-878
			PE	100 tests	130-094-877
			APC	100 tests	130-094-876
CD95	DX2, mouse IgG1	Detection of CD95 on human and non-human primate cells	FITC	100 tests	130-092-415
			PE	100 tests	130-092-416
			APC	100 tests	130-092-417
			Biotin	100 tests	130-092-418
CD127	MB15-18C9, mouse IgG2a	Detection of human IL-7R alpha ⁺ cells and regulatory T cells	FITC ⁷⁾	100 tests	130-094-888
			PE	100 tests	130-094-889
			APC	100 tests	130-094-890
			Biotin	100 tests	130-094-891
			pure	100 µg in 1 mL	130-094-942
CD137	4B4-1, mouse IgG1	Detection of activated human antigen-specific CD137 ⁺ T cells	PE	100 tests	130-093-475
			APC	100 tests	130-094-821
			Biotin	100 tests	130-094-824

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Antigen	Clone Isotype	Description	Conjugate	Capacity/ Content	Order no.
CD154	5C8, mouse IgG2a	Detection of activated human or non-human primate CD4 ⁺ T cells	FITC	new 100 tests	130-096-233
			PE	100 tests	130-092-289
			APC	100 tests	130-092-290
			VioBlue	new 100 tests	130-096-217
			PE-Vio770	new 100 tests	130-096-793
			APC-Vio770	new 100 tests	130-096-603
			Biotin	100 tests	130-092-690
CD226 (DNAM-1)	DX11, mouse IgG1	Detection of DNAM-1 on human NK cells and on subsets of lymphocytes and monocytes, detection of DNAM-1 on non-human primate cells	PE	100 tests	130-092-476
			APC	100 tests	130-092-477
			Biotin	100 tests	130-092-478
			pure	100 µg in 1 mL	130-092-479
CD283	TLR 3.7, mouse IgG1	Identification and enumeration of CD283 ⁺ cells by flow cytometry	PE	new 100 tests	130-096-887
			APC	new 100 tests	130-096-885
			Biotin	new 100 tests	130-096-889
CD314 (NKG2D)	BAT221, mouse IgG1	Detection of NKG2D ⁺ human or non-human primate cells	PE	100 tests	130-092-672
			APC	100 tests	130-092-673
			Biotin	100 tests	130-092-825
			pure	100 µg in 1 mL	130-092-686
CD337 (NKp30)	AF29-4D12, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) NKp30 on human NK cells, detection of CD337 (NKp30) on non-human primate cells	PE	100 tests	130-092-483
			APC	100 tests	130-092-484
			Biotin	100 tests	130-092-553
			pure	100 µg in 1 mL	130-092-554
CD337 (NKp30) – functional grade	AF29-4D12, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) NKp30 on human NK cells, detection of CD337 (NKp30) on non-human primate cells	pure	100 µg in 1 mL	130-094-272
FoxP3	3G3, mouse IgG1	Intracellular staining of human, mouse, or non-human primate FoxP3 ⁺ cells	PE	100 tests ³⁾	130-093-014
			APC	100 tests ³⁾	130-093-013
HLA-DR	AC122, mouse IgG2a	Detection of antigen-presenting cells from PBMCs, cord blood, bone marrow, and tissues	FITC ⁷⁾	100 tests	130-095-295
			PE	100 tests	130-095-298
			APC	100 tests	130-095-297
			VioBlue ⁷⁾	100 tests	130-095-293
			PerCP ⁷⁾	100 tests	130-095-291
IL-2	N7.48 A, mouse IgG2a	Intracellular staining of IL-2–producing human or non-human primate cells	PE	100 tests	130-091-646
			APC	100 tests	130-091-644
IL-4	7A3-3, mouse IgG1	Intracellular staining of IL-4–producing human or non-human primate cells	PE	100 tests	130-091-647
IL-5	JES1-39D10, rat IgG2a	Intracellular staining of IL-5–producing human or non-human primate cells	PE	100 tests	130-091-648
			APC	100 tests	130-091-834
IL-12 (p40/p70)	C8.6, mouse IgG1	Intracellular staining of IL-12–producing human or non-human primate cells	PE	100 tests	130-092-774
			APC	100 tests	130-092-775
IL-13	JES10-5A2.2, rat IgG1	Intracellular staining of IL-13–producing human or non-human primate cells	PE	100 tests	130-092-964
IL-17 A	CZ8-23G1, mouse IgG1	Intracellular staining of IL-17 A–producing human or non-human primate cells	FITC	100 tests	130-094-520
			PE	100 tests	130-094-521
			APC	100 tests	130-094-519
IFN-γ	45-15, mouse IgG1	Intracellular staining of IFN-γ–producing human or non-human primate cells	FITC	100 tests	130-091-641
			PE	100 tests	130-091-653
			APC	100 tests	130-091-640

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
IFN- γ – functional grade	45-15, mouse IgG1	Unconjugated antibody for functional assays, e.g., neutralization of IFN- γ activity	pure	500 μ g in 0.5 mL	130-095-743
Ig λ Light Chain	IS7-24C7, mouse IgG1	Detection of human or non-human primate immunoglobulins with λ light chains	FITC	100 tests	130-093-040
			PE	100 tests	130-093-039
			APC	100 tests	130-093-038
			Biotin	100 tests	130-093-025
			pure	100 μ g in 1 mL	130-093-024
iNKT	6B11, mouse IgG1	Detection of human invariant NKT cells expressing the T cell receptor Va24-Ja18 combined with V β 11	PE	100 tests	130-094-838
			APC	100 tests	130-094-839
			Biotin	100 tests	130-094-841
iNKT – functional grade	6B11, mouse IgG1	Unconjugated anti-human iNKT antibody for specific activation and expansion of iNKT cells	pure	100 μ g in 1 mL	130-094-865
KIR 2D	NKVFS1, mouse IgG1	Detection of killer-immunoglobulin-like receptors (KIRs) on human or non-human primate NK cells and subsets of T cells	PE	100 tests	130-092-688
			APC	100 tests	130-092-687
			Biotin	100 tests	130-092-904
			pure	100 μ g in 1 mL	130-092-689
NKp80	4A4.D10, mouse IgG1	Detection of NKp80 ⁺ NK cells and T cells by flow cytometry or fluorescence microscopy	FITC	100 tests	130-094-843
			PE	100 tests	130-094-844
			APC	100 tests	130-094-845
			Biotin	100 tests	130-095-114
			pure	100 μ g in 1 mL	130-094-846

One test corresponds to labeling of up to 10^7 cells in a total volume of 100 μ L, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antibodies • Mouse

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
A2B5	105HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ¹⁾	130-093-581
			APC	100 tests ¹⁾	130-093-582
			Biotin	100 tests ²⁾	130-093-393
			pure	100 μ g in 1 mL	130-093-394
β III Tubulin	TU-20, mouse IgG1	Stemgent Purified Mouse anti-Mouse/Human βIII Tubulin Antibody, Detection of β III-Tubulin ⁺ cells, e.g., cells of neuronal origin	pure	50 μ g	130-095-674
CD1d	1B1, rat IgG2b	Detection of CD1d ⁺ mouse cells	FITC	new 100 tests	130-096-338
			PE	new 100 tests	130-096-342
			APC	new 100 tests	130-096-332
			Biotin	new 100 tests	130-096-302
CD3 ϵ	145-2C11, hamster IgG1	Detection of mouse T cells	FITC	100 tests	130-092-962
			PE	100 tests	130-092-976
			APC	100 tests	130-092-977
			VioBlue	new 100 tests	130-096-547
			Biotin	100 tests	130-093-021
CD3 ϵ – functional grade	145-2C11, hamster IgG1	Functional grade antibody for mouse T cell activation and expansion	Biotin	100 μ g in 1 mL	130-093-179
			pure	500 μ g in 1 mL	130-092-973

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD4	GK1.5, rat IgG2b	Detection of mouse T helper cells	FITC	100 tests	130-091-608
			PE	100 tests	130-091-607
			APC	100 tests	130-091-611
			VioBlue	100 tests	130-096-056
			VioGreen <i>new</i>	100 tests	130-096-898
APC-Vio770 <i>new</i>	100 tests	130-096-608			
CD8a	53-6.7, rat IgG2a	Detection of mouse cytotoxic T cells	FITC	100 tests	130-091-605
			PE	100 tests	130-091-603
			APC	100 tests	130-091-606
			VioBlue	100 tests	130-094-360
			VioGreen <i>new</i>	100 tests	130-096-918
PerCP	100 tests	130-094-960			
CD11b	M1/70.15.11.5, rat IgG2b	Detection of human and mouse myeloid cells; detection of CD11b ⁺ non-human primate cells	FITC	100 tests	130-081-201
			PE	100 tests	130-091-240
			APC	100 tests	130-091-241
			APC-Vio770 <i>new</i>	100 tests	130-096-834
CD11c	N418, hamster IgG	Detection of mouse dendritic cells	FITC	100 tests	130-091-842
			PE	100 tests	130-091-830
			APC	100 tests	130-091-844
CD16/32	93, rat IgG2a	Detection of CD16 and CD32 Fc receptors on mouse cells	PE	100 tests	130-092-572
			APC	100 tests	130-092-573
			Biotin	100 tests	130-092-570
			pure	100 µg in 1 mL	130-092-574
CD19	6D5, rat IgG2a	Detection of mouse B cells	FITC	100 tests	130-092-042
			PE	100 tests	130-092-041
			APC	100 tests	130-092-039
CD21/CD35	7E9, rat IgG2a	Detection of CD21/CD35 ⁺ mouse cells	FITC <i>new</i>	100 tests	130-096-386
			PE <i>new</i>	100 tests	130-096-411
			APC <i>new</i>	100 tests	130-096-413
			Biotin <i>new</i>	100 tests	130-096-384
CD25	7D4, rat IgM	Detection of mouse regulatory T cells, and activated T and B cells	PE	100 tests	130-091-013
			APC	100 tests	130-093-734
			Biotin	100 tests	130-092-569
CD28	37.51, hamster IgG2	Detection of CD28 on mouse leukocytes	PE	100 tests	130-093-180
			Biotin	100 tests	130-093-181
CD28 – functional grade	37.51, hamster IgG2	Functional grade antibody for human T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-183
			pure	100 µg in 1 mL	130-093-182
CD29	HMB1-1, hamster IgG	Detection of mouse and rat CD29 ⁺ cells	FITC <i>new</i>	100 tests	130-096-309
			PE <i>new</i>	100 tests	130-096-306
			APC <i>new</i>	100 tests	130-096-356
			Biotin <i>new</i>	100 tests	130-096-312
CD40	FGK45.5, rat IgG2a	Detection of CD40 expression on mouse B cells, macrophages, and dendritic cells	PE	100 tests	130-092-848
			APC	100 tests	130-092-847
			Biotin	100 tests	130-092-846
CD40 – functional grade	FGK45.5, rat IgG2a	In vivo or <i>in vitro</i> stimulation of mouse CD40-expressing cells	pure	100 µg in 1 mL	130-093-022
			pure	1 mg in 0.5 mL	130-093-023

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD43	L11, rat IgG2a	Detection of mouse CD43 ⁺ cells and identification of CD43 ⁻ resting B cells	PE	100 tests	130-091-585
			APC	100 tests	130-091-581
CD44	IM7.8.1, rat IgG2b	Discrimination of mouse antigen-experienced T cells (CD44 ^{high}) from naive T cells (CD44 ^{low})	FITC	<i>new</i> 100 tests	130-096-842
			PE	<i>new</i> 100 tests	130-096-838
			APC	<i>new</i> 100 tests	130-096-836
			VioBlue	<i>new</i> 100 tests	130-096-844
			Biotin	<i>new</i> 100 tests	130-096-840
CD45	30F11, rat IgG2b	Detection of mouse leukocytes	FITC	100 tests	130-091-609
			PE	100 tests	130-091-610
			APC	100 tests	130-091-811
			VioBlue	100 tests	130-092-910
			PerCP	100 tests	130-094-962
CD45.1	A20, mouse IgG2a	Detection of mouse CD45.1 ⁺ cells	FITC	<i>new</i> 100 tests	130-096-232
			PE	<i>new</i> 100 tests	130-096-245
			APC	<i>new</i> 100 tests	130-096-243
			Biotin	<i>new</i> 100 tests	130-096-246
CD45.2	104-2, mouse IgG2a	Detection of mouse CD45.2 ⁺ cells	FITC	<i>new</i> 100 tests	130-096-242
			PE	<i>new</i> 100 tests	130-096-241
			APC	<i>new</i> 100 tests	130-096-244
			VioBlue	<i>new</i> 100 tests	130-096-518
CD45R (B220)	RA3-6B2, rat IgG2a	Detection of mouse B cells	FITC	100 tests	130-091-829
			PE	100 tests	130-091-828
			APC	100 tests	130-091-843
			VioBlue	100 tests	130-094-287
			VioGreen	<i>new</i> 100 tests	130-096-909
CD49b (DX5)	DX5, rat IgM	Detection of mouse NK cells	FITC	100 tests	130-091-814
			PE	100 tests	130-091-816
			APC	100 tests	130-091-813
			FITC	<i>new</i> 100 tests	130-096-324
			PE	<i>new</i> 100 tests	130-096-318
CD49d	R 1-2, rat IgG2b	Detection of mouse CD49d ⁺ cells	APC	<i>new</i> 100 tests	130-096-330
			VioBlue	<i>new</i> 100 tests	130-096-321
			Biotin	100 tests	130-096-322
			FITC ^(?)	100 tests	130-091-792
			PE	100 tests	130-091-794
CD62 L	MEL14-H2.100, rat IgG2a	Detection of mouse L-selectin-expressing cells	APC	100 tests	130-091-805
			FITC	<i>new</i> 100 tests	130-096-398
			PE	<i>new</i> 100 tests	130-096-402
CD70	FR 70, rat IgG2b	Detection of mouse CD70 ⁺ cells, such as activated T and B cells	APC	<i>new</i> 100 tests	130-096-408
			VioBlue	<i>new</i> 100 tests	130-096-407
			Biotin	<i>new</i> 100 tests	130-096-395

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD86	PO3.3, rat IgG2b	Detection of mouse CD86 ⁺ cells - activated antigen presenting cells	FITC	new 100 tests	130-096-361
			PE	new 100 tests	130-096-359
			APC	new 100 tests	130-096-357
			VioBlue	new 100 tests	130-096-365
			Biotin	new 100 tests	130-096-363
CD90.1	His51, mouse IgG2a	Detection of mouse and rat CD90.1 ⁺ cells	FITC	100 tests	130-094-527
			PE	100 tests	130-094-528
			APC	100 tests	130-094-525
			VioBlue	100 tests	130-094-588
			Biotin	100 tests	130-094-526
			pure	100 µg in 1 mL	130-094-524
CD90.2	30-H12, rat IgG2b	Detection of mouse T cells	FITC	100 tests	130-091-602
			PE	100 tests	130-091-601
			APC	100 tests	130-091-790
			VioBlue	100 tests	130-094-361
			PerCP	100 tests	130-094-959
CD105	MJ7/18, rat IgG2a	Detection of CD105 ⁺ mouse cells	PE	100 tests	130-092-929
			APC	100 tests	130-092-930
			Biotin	100 tests	130-092-927
			pure	100 µg in 1 mL	130-092-926
CD115	AFS98, rat IgG2a	Detection of CD115 ⁺ mouse cells.	PE	new 100 tests	130-096-308
			APC	new 100 tests	130-096-310
			Biotin	new 100 tests	130-096-323
CD117	3C1, rat IgG2b	Detection of mouse CD117 (c-kit) ⁺ stem cells	PE	100 tests	130-091-730
			APC	100 tests	130-091-729
CD127	A7R 34, rat IgG2a	Detection of CD127 ⁺ mouse cells, e.g., effector memory T cells	PE	100 tests	130-094-577
			Biotin	100 tests	130-094-583
CD127 – functional grade	A7R 34, rat IgG2a	Unconjugated anti-mouse CD127 antibody for <i>in vitro</i> or <i>in vivo</i> blocking of IL-7 binding to its receptor	pure	1 mg in 0.5 mL	130-094-828
CD135	A2F10, rat IgG2a	Detection of mouse CD135 ⁺ cells	PE	new 100 tests	130-096-861
			APC	new 100 tests	130-096-959
			Biotin	new 100 tests	130-096-962
CD140a	APA5, rat IgG2a	Detection of mouse CD140a ⁺ cells	PE	new 100 tests	130-096-271
			APC	new 100 tests	130-096-274
			Biotin	new 100 tests	130-096-273
CD140b	APB5, rat IgG2a	Detection of mouse CD140b ⁺ cells	PE	new 100 tests	130-096-267
			APC	new 100 tests	130-096-270
			Biotin	new 100 tests	130-096-272
CD146 (LSEC)	ME-9F1, rat IgG2a	Detection of mouse endothelial cells including liver sinusoidal endothelial cells	FITC	100 tests	130-092-026
			Biotin	100 tests	130-092-025
CD154	MR 1, hamster IgG3	Detection of activated antigen-specific CD4 ⁺ mouse T helper cells	PE	100 tests	130-092-106
			APC	100 tests	130-092-105
			Biotin	100 tests	130-092-104
CD205 (DEC205)	NLDC-145, rat IgG2a	Detection of mouse CD8 ⁺ conventional DCs	PE	100 tests	130-092-286
			APC	100 tests	130-092-285
			Biotin	100 tests	130-092-468

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
CD253	N2B2, rat IgG2a	Detection of CD253 ⁺ mouse cells	FITC	new 100 tests	130-096-585
			PE	new 100 tests	130-096-588
			APC	new 100 tests	130-096-591
			VioBlue	new 100 tests	130-096-546
			Biotin	new 100 tests	130-096-380
CD268	7H22-E16, rat IgG1	Detection of CD268 ⁺ mouse cells e.g. resting B cells	FITC	new 100 tests	130-096-350
			PE	new 100 tests	130-096-268
			APC	new 100 tests	130-096-262
			Biotin	new 100 tests	130-096-515
CD278	7E.17G9, rat IgG2b	Detection of mouse CD278 ⁺ T cell subsets	PE	new 100 tests	130-096-240
			APC	new 100 tests	130-096-239
			Biotin	new 100 tests	130-096-247
CD279 (PD-1)	HA2-7B1, rat IgG2b	Detection of PD-1 ⁺ mouse cells	PE	100 tests	130-094-783
			APC	100 tests	130-094-782
			Biotin	100 tests	130-094-779
CD279 (PD-1) – functional grade	HA2-7B1, rat IgG2b	Detection of mouse CD279 ⁺ cells	pure	500 µg in 1 mL	130-094-944
CD284	MTS510, rat IgG2a	Identification and enumeration of mouse CD284 ⁺ cells by flow cytometry	PE	new 100 tests	130-096-473
			APC	new 100 tests	130-096-478
			Biotin	new 100 tests	130-096-470
CD309	Avas12, rat IgG2a	Detection of CD309 ⁺ mouse cells	PE	new 100 tests	130-096-401
			APC	new 100 tests	130-096-405
			Biotin	new 100 tests	130-096-396
CD326 (EpCAM)	caa7-9G8, rat IgG1	Detection of mouse CD326 ⁺ cells	FITC	new 100 tests	130-096-415
			PE	new 100 tests	130-096-448
			APC	new 100 tests	130-096-417
			Biotin	new 100 tests	130-096-419
DCAR 1	SKa5-3D5, rat IgG2b	Detection of mouse DCAR 1 ⁺ cells	PE	100 tests	130-095-317
			APC	100 tests	130-095-320
			Biotin	100 tests	130-095-315
DCIR 2 (33D1)	33D1, rat IgG2b	Detection of mouse DCIR 2 ⁺ cells	PE	100 tests	130-095-188
			APC	100 tests	130-095-190
			Biotin	100 tests	130-095-181
Dectin-2	KVa7-6E7, rat IgG2a	Detection of Dectin-2 ⁺ mouse cells, detection of mouse Dectin-2 by immunoblot analysis	FITC	100 tests	130-094-480
			pure	100 µg in 1 mL	130-094-481
DO11.10 TCR	KJ1-26, mouse IgG2a	Detection of transgenic T cells of DO11.10 mice	FITC	100 tests	130-095-306
			PE	100 tests	130-095-309
			APC	100 tests	130-095-311
			VioBlue	100 tests	130-095-313
			Biotin	100 tests	130-095-304
DO11.10 TCR – functional grade	KJ1-26, mouse IgG2a	Blocking of antigen responses of transgenic T cells of DO11.10 mice	pure	1 mg in 0.5 mL	130-095-379
FCεR1a	MAR-1, hamster IgG	Detection of FCεR1a ⁺ mouse cells	FITC	new 100 tests	130-095-991
			PE	new 100 tests	130-095-992
			APC	new 100 tests	130-095-994
			VioBlue	new 100 tests	130-096-037
			Biotin	new 100 tests	130-096-039

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Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
FCεR1α – functional grade	MAR-1, hamster IgG	<i>In vivo</i> and <i>in vitro</i> functional assays such as blocking of receptor-ligand binding	pure	new 100 µg in 1 mL	130-096-083
Feeder	mEF-SK4, rat IgG1	Identification and enumeration of cultivated mouse feeder cells	PE	100 tests	130-096-094
			APC	100 tests	130-096-099
			Biotin	100 tests	130-096-095
FoxP3	3G3, mouse IgG1	Intracellular staining of human, mouse, or non-human primate FoxP3 ⁺ cells	PE	100 tests ³⁾	130-093-014
			APC	100 tests ³⁾	130-093-013
FR 4	TH6, rat IgG2b	Identification and enumeration of FR 4 ⁺ cells. In combination with CD25 and/or CD4 antibodies Anti-FR 4 can be used to analyze mouse Treg cells	PE	100 tests	130-095-243
			APC	100 tests	130-095-239
			Biotin	100 tests	130-095-246
FR 4 – functional grade	TH6, rat IgG2b	Identification and enumeration of FR 4 ⁺ cells. In combination with CD25 and/or CD4 antibodies, Anti-FR 4 can be used to analyze mouse Treg cells	pure	1 mg in 0.5 mL	130-095-244
GITR	DTA-1, rat IgG2b	Detection of mouse regulatory T cells and activated T cells	PE	100 tests	130-092-469
			APC	100 tests	130-092-470
			pure	100 µg in 1 mL	130-092-630
GITR – functional grade	DTA-1, rat IgG2b	Unconjugated anti-mouse GITR antibody for <i>in vivo</i> or <i>in vitro</i> functional assays	pure	100 µg in 1 mL	130-092-655
			pure	1 mg in 0.5 mL	130-092-656
GLAST (ACSA-1)	ACSA-1, mouse IgG2a	Detection of GLAST ⁺ cells	PE	100 tests ¹⁾	130-095-821
			APC	100 tests ⁴⁾	130-095-814
			Biotin	100 tests ²⁾	130-095-815
			pure	100 µg in 1 mL	130-095-822
Gr-1	RB6-8C5, rat IgG2b	Detection of mouse granulocytes and plasmacytoid dendritic cells	FITC	100 tests	130-091-934
			PE	100 tests	130-091-932
			APC	100 tests	130-091-931
			VioBlue	100 tests	130-094-362
			PerCP	100 tests	130-094-958
			Biotin	100 tests	130-091-930
H-2K ^b /SIINFEKL	25-D1.16, mouse IgG1	Identification and enumeration of H-2K ^b /SIINFEKL ⁺ cells by flow cytometry or fluorescence microscopy	PE	new 100 tests	130-096-800
			Biotin	new 100 tests	130-096-801
H-2K ^b /SIINFEKL – functional grade	25-D1.16, mouse IgG1	Suitable for functional assays, for example, blocking ovalbumin-specific CD8 ⁺ T cell responses	pure	new 500 µg in 0.5 mL	130-096-810
IL-2	JES6-5H4, rat IgG2b	Intracellular staining of IL-2–producing mouse cells	PE	100 tests	130-092-302
			APC	100 tests	130-092-303
IL-2	JES6-5H4, rat IgG2b	Unconjugated antibody for functional assays, e.g. neutralization of IL-2 activity	pure	500 µg in 0.5 mL	130-095-736
IL-4	BVD4-1D11, rat IgG2b	Intracellular staining of IL-4 producing mouse cells	PE	100 tests	130-095-715
			APC	100 tests	130-095-711
IL-4 – functional grade	BVD4-1D11, rat IgG2b	Unconjugated antibody for functional assays, e.g. neutralization of IL-4 activity	pure	500 µg in 0.5 mL	130-095-709
IL-5	TRFK-5, rat IgG1	Intracellular staining of mouse IL-5-producing cells	PE	100 tests	130-095-710
			APC	100 tests	130-095-705
IL-5 – functional grade	TRFK-5, rat IgG1	Unconjugated antibody for functional assays, e.g. neutralization of IL-5 activity	pure	500 µg in 0.5 mL	130-095-712
IL-9	RM9A4, rat IgG1	Intracellular staining of IL-9–producing mouse cells	PE	new 100 tests	130-096-721
			APC	new 100 tests	130-096-723
IL-10	JES5-16E3, rat IgG2b	Intracellular staining of IL-10-producing mouse cells	PE	100 tests	130-095-840
			APC	100 tests	130-095-843

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
IL-10 – functional grade	JES5-16E3, rat IgG2b	Unconjugated antibody for functional assays, e.g. neutralization of IL-10 activity	pure	500 µg in 0.5 mL	130-095-845
IL-17 A	TC11-18H10, rat IgG1	Intracellular staining of IL-17–producing mouse cells	FITC	100 tests	130-094-298
			PE	100 tests	130-094-296
			APC	100 tests	130-094-294
IL-17 A – functional grade	TC11-18H10, rat IgG1	Unconjugated antibody for functional assays, e.g. neutralization of IL-17 A activity	pure	500 µg in 0.5 mL	130-095-732
H-2K ^k	H100-27.R 55, mouse IgG2a	Detection of H-2K ^k mouse cells or evaluation of cells transfected with pMACS K ^k .II	FITC	100 tests	130-085-101
			PE	100 tests	130-094-867
			APC	100 tests	130-094-873
IFN-γ	AN18.17.24, rat IgG1	Intracellular staining of IFN-γ–producing mouse cells	PE	100 tests	130-092-346
			APC	100 tests	130-092-347
IFN-γ – functional grade	AN.18.17.24, rat IgG1	Unconjugated antibody for functional assays, e.g., neutralization of IFN-γ activity	pure	500 µg in 0.5 mL	130-095-729
IgG1	X-56, rat IgG1	Detection of cells expressing surface IgG1, e.g., mouse memory B cells. Staining of cells labelled with a primary mouse antibody of IgG1 isotype	FITC	100 tests	130-095-897
			PE	100 tests	130-095-900
			APC	100 tests	130-095-902
			Biotin	100 tests	130-095-879
IgG2ab	X-57, rat IgG1	Staining of cells labelled with a primary mouse antibody of IgG2a and b isotype. Detection of cells expressing surface IgG2a and b	FITC	100 tests	130-095-875
			PE	100 tests	130-095-877
			APC	100 tests	130-095-880
			Biotin	100 tests	130-095-881
IgM	X-54, rat IgG2a	Detection of mouse IgM	FITC	100 tests	130-095-906
			PE	100 tests	130-095-908
			APC	100 tests	130-095-910
			Biotin	100 tests	130-095-904
IL-6	MP5-20F3, rat IgG1	Intracellular staining of IL-6–producing mouse cells	PE	new 100 tests	130-096-139
			APC	new 100 tests	130-096-131
IL-6 – functional grade	MP5-20F3, rat IgG1	The functional grade antibody is suited for functional assays, e.g., neutralization of IL-6 activity.	pure	new 500 µg in 0.5 mL	130-096-130
Klf4	56CT5, mouse IgG1k	Stemgent Purified Mouse anti-Mouse/Human Klf4 Antibody, Intracellular staining of human or mouse Klf4 ⁺ cells	pure	100 µL	130-095-633
KLRG1	2F1, hamster IgG1	Detection of mouse KLRG1 ⁺ terminal differentiated NK cells and T cells with reduced proliferative and effector function abilities	PE	new 100 tests	130-096-858
			APC	new 100 tests	130-096-847
			Biotin	new 100 tests	130-096-850
Lin28	6D1F9, mouse IgG1k	Stemgent Affinity Purified anti-Human LIN28 Antibody, Intracellular staining of human or mouse LIN28 ⁺ cells	pure	100 µL	130-095-634
Ly-6C	1G7.G10, rat IgG2a	Detection of mouse plasmacytoid dendritic cells, monocytes, and memory T cells	FITC	100 tests	130-093-134
			PE	100 tests	130-093-135
			APC	100 tests	130-093-136
			APC	100 tests	130-093-137
Ly-6G	1A8, rat IgG2a	Detection of mouse granulocytes	FITC	100 tests	130-093-138
			PE	100 tests	130-093-139
			APC	100 tests	130-093-140
			Biotin	100 tests	130-093-141

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
MHC Class II	M5/114.15.2, rat IgG2b	Detection of mouse antigen-presenting cells	FITC	100 tests	130-081-601
			PE	100 tests	130-091-368
			APC	100 tests	130-091-806
Microfold	NKM 16-2-4, rat IgG2c	Detection of mouse microfold cells (M cells)	PE	new 100 tests	130-096-155
			APC	new 100 tests	130-096-153
			pure	new 100 µg in 1 mL	130-096-148
Microfold – functional grade	NKM 16-2-4, rat IgG2c	Functional-grade microfold cell (M cell)-specific antibody	pure	new 500 µg in 0.5 mL	130-096-150
mPDCA-1	JF05-1C2.4.1, rat IgG2b	Detection of mouse plasmacytoid dendritic cells from different tissues	FITC	100 tests	130-091-961
			PE	100 tests	130-091-962
			APC	100 tests	130-091-963
			Biotin	100 tests	130-091-964
			pure	100 µg in 1 mL	130-091-979
mPDCA-1 – functional grade	JF05-1C2.4.1, rat IgG2b	<i>In vivo</i> depletion of mouse plasmacytoid dendritic cells	pure	8 mg in 4 mL	130-092-550
Nanog	Polyclonal, rabbit IgG	Stemgent Affinity Purified anti-Mouse/Human Nanog Antibody, Intracellular staining of human or mouse Nanog ⁺ cells	pure	100 µL	130-095-632
NK1.1	PK136, mouse IgG2a	Identification and enumeration of NK1.1 ⁺ cells	PE	100 tests	130-095-867
			APC	100 tests	130-095-869
			Biotin	100 tests	130-095-865
NKp46	29A1.4.9, rat IgG2a	Detection of NKp46 ⁺ NK cells	FITC	100 tests	130-095-115
			PE	100 tests	130-095-116
			APC	100 tests	130-095-119
			Biotin	100 tests	130-095-117
			pure	100 µg in 1 mL	130-095-118
Notch1	22E5, rat IgG2a	Detection of mouse Notch1 ⁺ cells	PE	new 100 tests	130-096-554
			APC	new 100 tests	130-096-550
			Biotin	new 100 tests	130-096-557
O4	O4, mouse IgM	For the isolation of O4-positive oligodendrocytes	PE	new 100 tests	130-095-887
			APC	new 100 tests	130-095-891
			Biotin	new 100 tests ²⁾	130-095-895
Oct4	Polyclonal, rabbit IgG	Stemgent Purified Rabbit anti-Mouse/Human Oct4 Antibody, Intracellular staining of human or mouse Oct4 ⁺ cells	pure	100 µL	130-095-635
Pax6	Polyclonal, rabbit IgG	Stemgent Purified Rabbit anti-Mouse/Human Pax6 Antibody, Intracellular staining of human or mouse Pax6 ⁺ cells	pure	50 µg	130-095-598
PDCA-1 – functional grade	JF05-1C2.4.1, rat IgG2b	<i>In vivo</i> depletion of mouse plasmacytoid dendritic cells	pure	1 mg in 0.5 mL	130-091-978
Prominin-1	MB9-3G8, rat IgG1	Detection of mouse prominin-1 ⁺ cells	PE	100 tests	130-092-334
			APC	100 tests	130-092-335
			Biotin	100 tests	130-092-441
			pure	100 µg in 1 mL	130-092-442
PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM on neuronal-restricted human, mouse, and rat precursor cells	PE	100 tests ¹⁾	130-093-274
			APC	100 tests ¹⁾	130-093-273

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.	
Sca-1	D7, rat IgG2a	Detection of Sca-1 ⁺ mouse cells	FITC	100 tests	130-093-222	
			PE	100 tests	130-093-224	
			APC	100 tests	130-093-223	
			Biotin	100 tests	130-093-421	
Siglec-H	551.3D3, rat IgG1	Identification and enumeration of mouse Siglec-H ⁺ plasmacytoid dendritic cells	PE	100 tests	130-093-508	
			APC	100 tests	130-093-509	
			Biotin	100 tests	130-093-510	
Sox2	Polyclonal, rabbit IgG	Stemgent Purified anti-Mouse/Human Sox2 Antibody , Intracellular staining of human or mouse Sox2 ⁺ cells	pure	100 µL	130-095-636	
SSEA-1	MC-480, mouse IgMk	Stemgent Phycoerythrin (PE) anti-Mouse/Human SSEA-1 Antibody	PE	1 mL	130-095-618	
			Stemgent DyLight 488 Mouse anti-Mouse/Human SSEA-1 Antibody ¹⁾	DyLight 488	50 µg	130-095-671
			Stemgent StainAlive DyLight 488 Mouse anti-SSEA-1 Antibody ¹⁾	DyLight 488	50 µg	130-095-668
			Stemgent StainAlive DyLight 549 Mouse anti-Mouse/Human SSEA-1 Antibody ¹⁾	DyLight 549	50 µg	130-095-974
			Stemgent DyLight 549 Mouse anti-Mouse/Human SSEA-1 Antibody ¹⁾	DyLight 549	50 µg	130-095-676
			Stemgent Affinity Purified anti-Mouse/Human SSEA-1 Antibody	pure	50 µg	130-095-621
Ter-119	Ter-119, rat IgG2b	Detection of mouse erythrocytes	FITC	100 tests	130-091-786	
			PE	100 tests	130-091-783	
			APC	100 tests	130-091-788	
TNF-α	MP6-XT22, rat IgG1	Intracellular staining of TNF-α-producing mouse cells	FITC	100 tests	130-092-244	
			PE	100 tests	130-092-245	
			APC	100 tests	130-092-246	
TNF-α – functional grade	MP6-XT22, rat IgG1	Unconjugated antibody for functional assays, e.g., neutralization of TNF-α activity	pure	500 µg in 0.5 mL	130-095-725	

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Kits for cell detection and enumeration • Mouse

Product	Description	Capacity/Content	Order no.
CD154 Detection Cocktail (APC)	Identification of activated, antigen-specific mouse CD4 ⁺ T cells	100 tests ¹⁾	130-093-083
CD154 Detection Cocktail (PE)	Identification of activated, antigen-specific mouse CD4 ⁺ T cells	100 tests ¹⁾	130-093-084
Lineage Cell Detection Cocktail-Biotin	Labeling of lineage ⁺ cells from mouse bone marrow	100 tests ⁴⁾	130-092-613
Stemgent Alkaline Phosphatase Staining Kit ¹⁾	Detection of alkaline phosphatase-positive cells	50 assays	130-095-610
Stemgent Alkaline Phosphatase Staining Kit II ¹⁾	Detection of alkaline phosphatase-positive cells	50 assays	130-095-616
Stemgent Mouse ES/iPS Cell Characterization Set	Detection of alkaline phosphatase activity and three pluripotency biomarkers SSEA-1, Oct4, and Nanog	50 assays	130-095-612
Stemgent Mouse/Human ES/iPS Cell Nuclear Marker Set	Detection of Nanog, Sox2, and Oct4	50 assays	130-095-615

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Kits for cell detection and enumeration • Mouse

Product	Description	Capacity/ Content	Order no.
Stemgent Pluripotency Characterization Set	Detection of alkaline phosphatase activity, cell-surface stage-specific antigens (SSEA-1, SSEA-3, and SSEA-4) as well as expression of TRA-1-60 and TRA-1-81 antigens	50 assays	130-095-611
Treg Detection Kit (CD4/CD25/FoxP3) (PE)	Kit for flow cytometric detection of mouse CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells	100 tests ⁴⁾	130-094-165
Treg Detection Kit (CD4/CD25/FoxP3)(APC)	Kit for flow cytometric detection of mouse CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells	100 tests ⁴⁾	130-094-164

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

MACS Control Cocktails • Mouse

Product	Description	Capacity/ Content	Order no.
MC CD19 B Cell Cocktail	For control staining of mouse B cells after separation with either the B Cell Isolation Kit or CD19 MicroBeads	50 tests	130-092-864
MC CD4 T Cell Cocktail	For control staining of mouse T helper cells after separation with either the CD4 ⁺ T Cell Isolation Kit or CD4 (L3T4) MicroBeads	50 tests	130-092-916
MC CD8a T Cell Cocktail	For control staining of mouse cytotoxic T cells after separation with either the CD8a ⁺ T Cell Isolation Kit or CD8a (Ly-2) MicroBeads	50 tests	130-092-915
MC CD90.2 T Cell Cocktail	For control staining of mouse T cells after separation with either the Pan T Cell Isolation Kit or CD90.2 MicroBeads	50 tests	130-092-862

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Cytokine detection kits • Mouse

Product	Description	Capacity/ Content	Order no.
Mouse IFN-γ Secretion Assay – Detection Kit (APC)	Detection of mouse IFN-γ–secreting cells	100 tests ⁴⁾	130-090-984
Mouse IFN-γ Secretion Assay – Detection Kit (PE)	Detection of mouse IFN-γ–secreting cells	100 tests ⁴⁾	130-090-516
Mouse IL-2 Secretion Assay – Detection Kit (APC)	Detection of mouse IL-2–secreting cells	100 tests ⁴⁾	130-090-987
Mouse IL-2 Secretion Assay – Detection Kit (PE)	Detection of mouse IL-2–secreting cells	100 tests ⁴⁾	130-090-491
Mouse IL-4 Secretion Assay – Detection Kit (PE)	Detection of mouse IL-4–secreting cells	100 tests ⁴⁾	130-090-479
Mouse IL-5 Secretion Assay – Detection Kit (APC)	Detection of mouse IL-5–secreting cells	100 tests ⁴⁾	130-091-174
Mouse IL-5 Secretion Assay – Detection Kit (PE)	Detection of mouse IL-5–secreting cells	100 tests ⁴⁾	130-091-166
Mouse IL-10 Secretion Assay – Detection Kit (APC)	Detection of mouse IL-10–secreting cells	100 tests ⁴⁾	130-090-939
Mouse IL-10 Secretion Assay – Detection Kit (PE)	Detection of mouse IL-10–secreting cells	100 tests ⁴⁾	130-090-489
Mouse IL-17 Secretion Assay – Detection Kit (APC)	Detection of mouse IL-17 A–secreting cells	100 tests ⁴⁾	130-094-207
Mouse IL-17 Secretion Assay – Detection Kit (PE)	Detection of mouse IL-17 A–secreting cells	100 tests ⁴⁾	130-094-205

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Antibodies • Rat

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
A2B5	105HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ¹⁾	130-093-581
			APC	100 tests ¹⁾	130-093-582
			Biotin	100 tests ²⁾	130-093-393
			pure	100 µg in 1 mL	130-093-394
CD29	HMβ1-1, hamster IgG	Detection of mouse and rat CD29 ⁺ cells	FITC new	100 tests	130-096-309
			PE new	100 tests	130-096-306
			APC new	100 tests	130-096-356
			Biotin new	100 tests	130-096-312
CD90.1	His51, mouse IgG2a	Detection of mouse and rat CD90.1 ⁺ cells	FITC	100 tests	130-094-527
			PE	100 tests	130-094-528
			APC	100 tests	130-094-525
			VioBlue	100 tests	130-094-588
			Biotin	100 tests	130-094-526
GLAST (ACSA-1)	ACSA-1, mouse IgG2a	Detection of GLAST ⁺ cells	PE	100 tests ¹⁾	130-095-821
			APC	100 tests ⁴⁾	130-095-814
			Biotin	100 tests ²⁾	130-095-815
			pure	100 µg in 1 mL	130-095-822
O4	O4, mouse IgM	For the isolation of O4-positive oligodendrocytes	PE new	100 tests	130-095-887
			APC new	100 tests	130-095-891
			Biotin new	100 tests ²⁾	130-095-895
PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM on neuronal-restricted human, mouse, and rat precursor cells	PE	100 tests ¹⁾	130-093-274
			APC	100 tests ¹⁾	130-093-273

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Secondary antibodies

Antigen	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
Biotin	Bio3-18E7, mouse IgG1	Immunohistochemical detection of biotinylated primary antibodies	Alkaline Phosphatase	1 mL	130-092-612
Biotin	Bio3-18E7, mouse IgG1	Fluorescent staining of cells labeled with biotinylated primary antibodies	FITC	100 tests	130-090-857
			PE	100 tests	130-090-756
			APC	100 tests	130-090-856
			VioBlue	100 tests	130-094-669
			VioGreen new	100 tests	130-097-022
			PerCP	100 tests	130-094-974
			PE-Vio770 new	100 tests	130-096-632
APC-Vio770 new	100 tests	130-096-630			

One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Other staining kits

Product	Description	Capacity/ Content	Order no.
Annexin V-FITC Kit	Detection of apoptotic, necrotic, and dead cells	up to 100 tests ⁴⁾	130-092-052
FASER Kit – APC	For increasing the fluorescence intensity of cells labeled with antibodies conjugated to APC	100 tests	130-091-762
FASER Kit – FITC	For increasing the fluorescence intensity of cells labeled with antibodies conjugated to FITC	100 tests	130-091-763
FASER Kit – PE	For increasing the fluorescence intensity of cells labeled with antibodies conjugated to PE	100 tests	130-091-764
Fixation and Dead Cell Discrimination Kit	Flow cytometric dead cell exclusion in combination with cell fixation	100 tests	130-091-163
Inside Stain Kit	Fixation and permeabilization of cells for intracellular staining with small staining volumes and minimal cell loss	up to 50 tests	130-090-477
One-Step Antibody Biotinylation Kit	Small-scale biotinylation of antibodies for subsequent cell separation or flow cytometry	8 reactions ⁸⁾	130-093-385

One test corresponds to labeling of up to 10^7 cells in a total volume of 100 μ L, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Molecular applications

Antigen	Description	Conjugate	Capacity/ Content	Order no.
c-myc	For detection and analysis of c-myc-tagged proteins	FITC	1 mL	130-092-472
		Biotin	1 mL	130-092-471
		HRP	100 μ L	130-092-113
GFP	For detection and analysis of GFP-tagged proteins	HRP	100 μ L	130-091-833
HA	For detection and analysis of HA-tagged proteins	FITC	100 tests ⁴⁾	130-092-256
		PE	100 tests ⁴⁾	130-092-257
		Biotin	100 tests ⁴⁾	130-092-258
		HRP	100 μ L	130-091-972
His	For detection and analysis of HA-tagged proteins	FITC	1 mL	130-092-675
		PE	1 mL	130-092-691
		Biotin	1 mL	130-092-692
		HRP	100 μ L	130-092-785

One test corresponds to labeling of up to 10^7 cells in a total volume of 100 μ L, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Other reagents

Product	Clone Isotype	Description	Conjugate	Capacity/ Content	Order no.
Annexin V Binding Buffer		Stock solution for preparation of binding buffer to be used with all MACS Annexin V products		25 mL	130-092-820
Annexin V-Biotin	5C8	Detection of Annexin V-positive cells, e.g., apoptotic, necrotic, and dead cells	Biotin	100 tests	130-092-773
Annexin V-FITC	IS11-24D5	Detection of Annexin V-positive cells, e.g., apoptotic, necrotic, and dead cells	FITC	100 tests	130-093-060
FcR Blocking Reagent, human	QBEND/10	Blocking of Fc receptor-mediated binding to human/non-human primate cells		2 mL	130-059-901
FcR Blocking Reagent, mouse		Blocking of Fc receptor-mediated antibody binding		1 mL	130-092-575
FoxP3 Staining Buffer Set	3G3, mouse IgG1	Optimized buffers for intracellular staining of cells with Anti-FoxP3 antibodies		100 tests ¹⁾	130-093-142
Labeling Check Reagent-APC	AC146, mouse IgG3	Staining of cells separated by MACS Technology	APC	100 tests	130-095-237
Labeling Check Reagent-FITC	AC146, mouse IgG3	Staining of cells separated by MACS Technology	FITC	100 tests	130-095-226

One test corresponds to labeling of up to 10^7 cells in a total volume of 100 μ L, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Product	Clone Isotype	Description	Conjugate	Capacity/Content	Order no.
Labeling Check Reagent-PE	AC146, mouse IgG3	Staining of cells separated by MACS Technology	PE	100 tests	130-095-228
Labeling Check Reagent-VioBlue	AC146, mouse IgG3	Staining of cells separated by MACS Technology	VioBlue	100 tests	130-095-087
MACS Comp Mouse Igk Reagent	IgD26	Routine compensation of flow cytometers, suited for any given fluorochrome conjugated to mouse antibodies with kappa light chains		100 tests ³⁾	130-094-548
MACS Comp Reagent (APC), human	DTA-1	Routine compensation of flow cytometers	APC	100 tests ³⁾	130-092-669
MACS Comp Reagent (APC), mouse	DTA-1	Routine compensation of flow cytometers	APC	100 tests ³⁾	130-092-668
MACS Comp Reagent (PE), human	DTA-1	Routine compensation of flow cytometers	PE	100 tests ³⁾	130-092-671
MACS Comp Reagent (PE), mouse	DTA-1	Routine compensation of flow cytometers	PE	100 tests ³⁾	130-092-670
MACSQuant Calibration Beads	ES8-20E6	Used for routine calibration of the MACSQuant Analyzer		100 tests	130-093-607
Propidium Iodide Solution	D7	Detection of dead cells		2 mL	130-093-233
Red Blood Cell Lysis Solution (10×)	HB15	Lysis of human or rodent erythrocytes		50 mL	130-094-183

One test corresponds to labeling of up to 10^7 cells in a total volume of 100 μ L, unless otherwise indicated. For footnotes, refer to the second last page of this document.

Footnotes

*) This product is not distributed by Miltenyi Biotec in the USA and Israel.

- 1) One test corresponds to fluorescent labeling of up to 10^6 cells in a total volume of 100 μL .
- 2) One test corresponds to labeling of up to 10^6 cells in a total volume of 100 μL .
- 3) One test corresponds to fluorescent labeling of 10^6 cells in a final volume of 100 μL .
- 4) One test corresponds to the analysis of 1×10^6 total cells.
- 5) One test corresponds to the analysis of 1×10^7 total cells.
- 6) One test corresponds to 20.5 mL whole blood, cord blood or bone marrow or to 2×10^8 white blood cells for leukapheresis product.
- 7) Not recommended for cells that are labeled with MACS MicroBeads using the same antigen.
- 8) One reaction corresponds to biotinylation of 10 μg pure antibody.
- 9) One test corresponds to 10.2 mL whole blood.
- 10) One test corresponds to fluorescent labeling of $2 \times 100 \mu\text{L}$ whole blood or 2×10^6 PBMCs.
- 11) One test corresponds to fluorescent labeling of $2 \times 300 \mu\text{L}$ whole blood or 2×10^6 PBMCs.
- 12) One test corresponds to immunohistochemical labeling of cells or tissue in a total volume of 100 μL .
- 13) One test corresponds to labeling of 10^6 cells.
- 14) One test corresponds to labeling of up to 10^8 cells.



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