



Antibody

Immunology research

Dendritic cell research

HLA-DR	CD85g (ILT7)
HLA-ABC	CD86
CD1a	CD103
CD3	CD123 (IL-3R)
CD11b	CD141 (BDCA-3)
CD11c	CD163
CD14	CD172a (SIRP- α)
CD16	CD205 (DEC205)
CD19	CD207
CD20	CD209 (DC-SIGN)
CD25	CD303 (BDCA-2)
CD40	CD304 (BDCA-4)
CD54	CD326 (EpCAM)
CD56	CCR7
CD80	CLEC9A
CD83	Fc ϵ RI α

T cell research

CD3	CD178 (FasL)
CD4	CD183(CXCR3)
CD8	CD184 (CXCR4)
CD8b	CD185 (CXCR5)
CD16	CD194 (CCR4)
CD25 (IL2RA)	CD196 (CCR6)
CD27	CD197 (CCR7)
CD28	CD223 (LAG-3)
CD45	CD244 (2B4)
CD49d	CD253 (TRAIL)
CD56 (NCAM)	CD278 (ICOS)
CD57	CD279 (PD1)
CD62L (L-Selectin)	CD366 (TIM-3)
CD69	CCR10
CD95 (FasR)	TGF- β
CD96 (TACTILE)	TNF- α
CD107a (LAMP-1)	IFN- γ
CD127	FoxP3
CD134 (OX40)	TIGIT
CD137 (4-1BB)	TCR V β 11
CD152 (CTLA-4)	Anti-iNKT
CD154 (CD40L)	T-bet
CD161 (NK1.1)	ROR γ T
Granzyme A	Granzyme B
GATA3	Helios
Ki-67	Perforin
GITR	KLRG1
IL-2	IL-4
IL-5	IL-9
IL-10	IL-17A

B cell research

CD19	CD138
CD20	Anti-Ig κ Light Chain
CD25	Anti-Ig λ Light Chain
CD27	Anti-IgA
CD30	Anti-IgA2
CD38	Anti-IgD
CD40	Anti-IgE
CD43	Anti-IgG
CD45	Anti-IgG1
CD69	Anti-IgG2ab
CD86	Anti-IgM

Innate lymphoid cell research

CD7	CD196 (CCR6)
CD16	CD217 (IL-17RA)
CD56	CD278 (ICOS)
CD94	CD122 (IL-2R β)
CD103	CD335 (NKp46)
CD117	CD336 (NKp44)
CD294	CD337 (NKp30)
CD127	IL-12R β 2
CD161	NKp80

- *7-color Immunophenotyping kit
- *8-color Immunophenotyping kit
- *Treg Detection kit
- *MC CD14 Monocyte cocktail
- *Blood Dendritic cell Enumeration kit
- *Mo-DC Differentiation Inspector
- *FcR Blocking Reagent
- *Lineage Cell Detection Cocktail



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Stem cell research

ESCs and iPSCs

TRA-1-60
TRA-1-81
SSEA-1
SSEA-4
CD326
Sox2
Oct4
Nanog
Anti-Fibroblast
Anti-Feeder

HSCs

CD34
CD38
CD45
CD90
CD117 (c-kit)
CD133
CD135 (Flt3)
Lineage markers
Sca-1

MSCs

CD14
CD20
CD34
CD45
CD73
CD90
CD105
CD116
CD117
CD146
CD271
Anti-Sca-1
lineage markers

*MSC Phenotyping Kit

Neuroscience research

Anti-A2B5ntisocience
stem cell cocktailn kit
Anti-GLAST(ACSA-1)
Anti-ACSA-2
Anti-PSA-NCAM
Anti-O4
CD116
CD151
CD133/1
CD133/1 (Prominin-1)
CD271 (LNGFR)

*MC CD34 stem cell cocktail

*MC CD34/133 stem cell cocktail

Cancer research

Tumor Immunology

CD2
CD3
CD4
CD5
CD8
CD11b
CD11c
CD19
CD20
CD27
CD43
CD44
CD45
CD56
CD69
CD83
CD86
CD137
CD154
CD279 (PD-1)
BDCA-1
BDCA-2
BDCA-3
TCRγ/δ
MHC class II
Nkp46

Tumor stromal and vascular cells

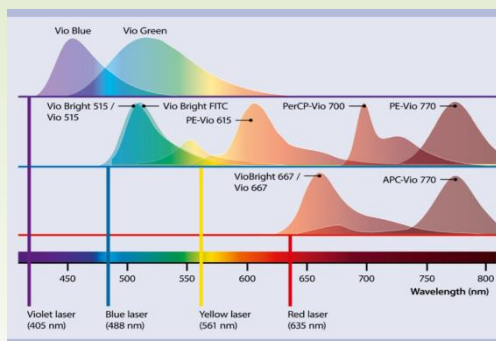
CD31
CD51 (ITGAV)
CD54 (ICAM-1)
CD61
CD73
CD90
CD105
CD106 (VCAM-1)
CD144 (VE-Cadherin)
CD146 (LSEC)
CD171 (L1CAM)
CD202b (TIE-2)
CD309 (VEGFR-2/KDR)
Anti-DLL4
Anti-Fibroblast
Anti-MICA/MICB

Cancer stem cells

CD15
CD20
CD24
CD26
CD44
CD45
CD90
CD117
CD133
CD271
CK5
Lgr5
EpCAM (ESA)
Lineage
ABCB5



*Carcinoma Cell Enrichment and Detection kit
*ErbB-2 Tumor Cell Enrichment and Detection Kit
*CD326 (EpCAM) Tumor Cell Enrichment and Detection Kit
*Melanoma Cell Enrichment and Detection Kit
*cEC Enrichment & Enumeration Kit
*EPC Enrichment and Enumeration Kit



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Fluorochrome guide

	Common filters (nm)	Miltenyi Biotec dyes	Brightness (MFI)	Other dyes		Viability dyes
Violet 405 nm 	450/50	VioBlue®	3	Alexa Fluor® 405 BD Horizon™ V450 BD Horizon Brilliant Violet™ (BV) 421 Calcein Violet 450 AM Cascade Blue®	Vybrant® DyeCycle™ Violet eBFP eFluor® 450 Pacific Blue™ Super Bright 436	Viability™ 405/452 Fixable Dye DAPI Hoechst 33342 Zombie Violet™
	525/50	VioGreen™	1	Alexa Fluor® 430 BD Horizon™ V500 BD Horizon™ BV510	Cascade Yellow™ Krome Orange™ Qdot® 525	Viability 405/520 Fixable Dye AmCyan Zombie Aqua™
	579/34			BD Horizon™ BV570	Pacific Orange™	
	605/15 or 615/20			BD Horizon™ BV605	Super Bright 600	
	661/11 or 667/30			BD Horizon™ BV650	Super Bright 645	
	711/25			BD Horizon™ BV711	Super Bright 702	
	785/60			BD Horizon™ BV786		
Blue 488 nm 	525/50	FITC Vio® 515 VioBright™ FITC VioBright 515	2 3 5 5	Alexa Fluor® 488 Calcein AM DyLight® 488 BD Horizon Brilliant™ Blue (BB) 515	CFSE GFP, YFP SYTOX® Green Vybrant® DyeCycle™ Green	Viability 488/520 Fixable Dye Zombie Green™
	585/40 or 579/34	PE	4	Cy™3	Vybrant® DyeCycle™ Orange	CyTRAK Orange™
	655–730	PerCP PerCP-Vio 700	1 2	PE-Cy™5 PE-Cy™5.5 Per-Cy™5.5	Per-CP-eFluor® 710 BD Horizon™ BB700	Propidium iodide (PI) 7-AAD CyTRAK Orange™
	750 LP or 785/62	PE-Vio 770	5	PE-Alexa Fluor® 750	PE-Cy™7	
	655–730 or 615/20	PE-Vio 615	4	ECD PE/Texas Red® PE-CF594	PE/Dazzle™ 594 PE-eFluor® 610	
Yellow-green 561 nm 	615/20	PE-Vio 615	4	ECD PE/Texas Red® PE-CF594	PE/Dazzle™ 594 PE-eFluor® 610	
	750 LP	PE-Vio 770	5	PE-Alexa Fluor® 750	PE-Cy™7	DRAQ7®
	586/15	PE	4	Cy™3	Vybrant® DyeCycle™ Orange	PI CyTRAK Orange™
Red 635 nm 	655–730	APC Vio 667 VioBright 667	5 5 5	Alexa Fluor® 647 Cy™5	eFluor® 660	DRAQ5® DRAQ7®
	720/40			Alexa Fluor® 700 APC-Alexa Fluor® 700	APC-R700	DRAQ5® DRAQ7®
	750 LP or 785/612	APC-Vio 770	3	APC-Alexa Fluor® 750 APC-Fire™ 750 APC-Cy™7	APC-eFluor® 780 APC-H7	DRAQ5® DRAQ7® Zombie NIR™

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