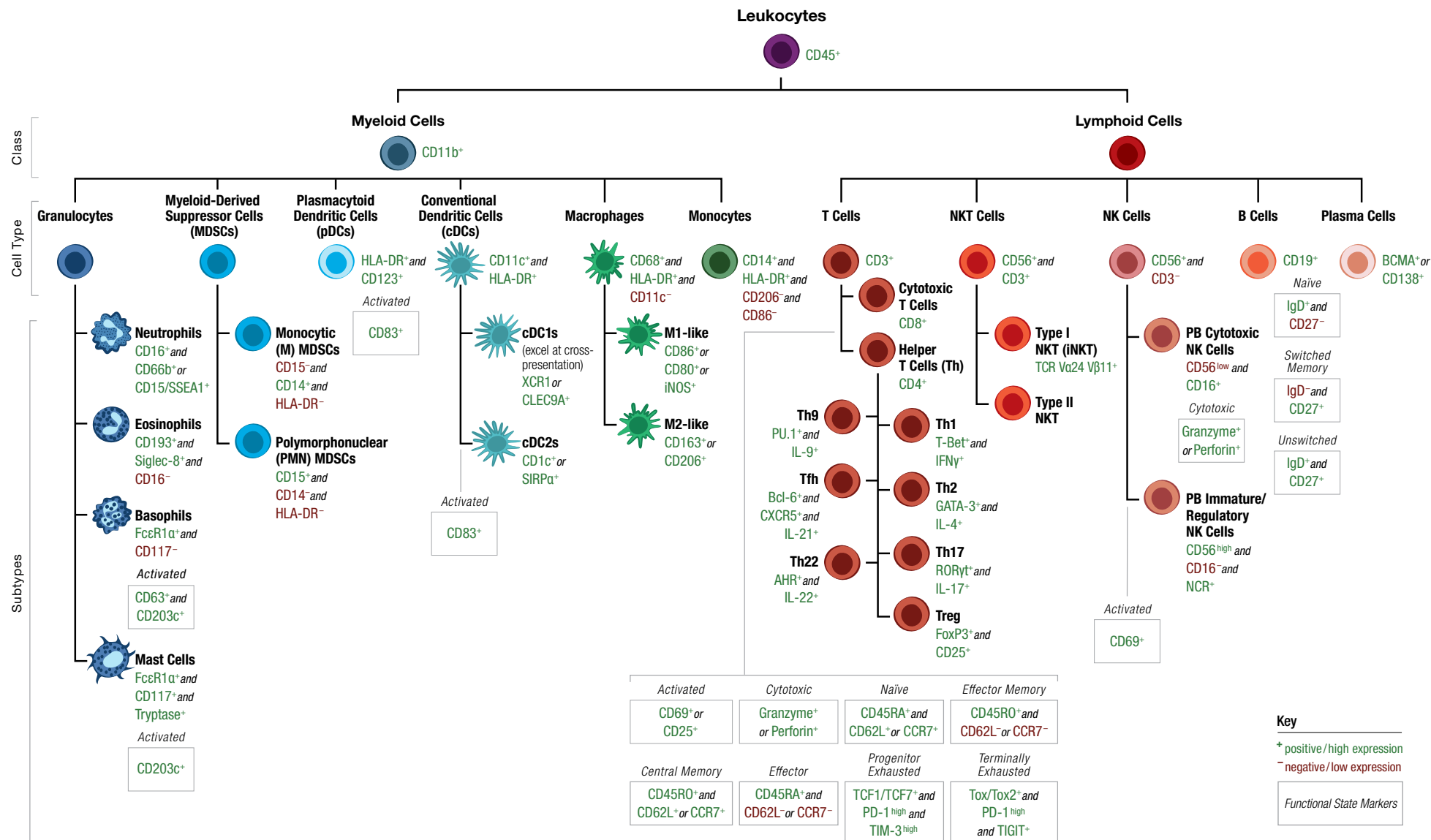


Human Immune Cell Marker Guide for Flow Cytometry



For pathway key and background, please visit:

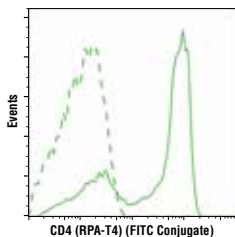
cst-science.com/humanmarker-flow

Key Products for Human Immune Cell Markers for Flow Cytometry

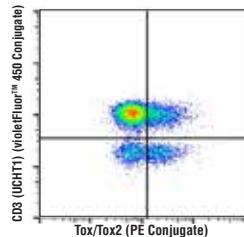
Visit www.cellsignal.com for a full listing of antibodies, related kits, and reagents.

PRODUCT NUMBERS

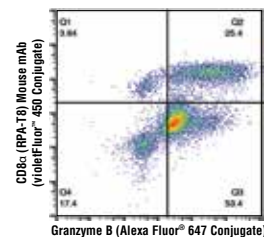
	violetFluor™ 450	FITC	Alexa Fluor® 488	PE	Alexa Fluor® 594	APC	Alexa Fluor® 647	PerCP	PerCP-Cy®5	redFluor™ 710	APC-Cy®7	PE-Cy®7
CD3 (UCHT1) Mouse mAb	61347	86774		46233		19881			31767	44330	72359	62670
CD4 (RPA-T4) Mouse mAb	26755	48705		55927		78292			46699		94467	66182
CD8α (RPA-T8) Mouse mAb	25109	55397		88829		64915			75003	86135	26030	27442
CD11b/ITGAM (M1/70) Rat mAb	70078	24442		24965		41249			85601	55274	81222	
CD11c (3.9) Mouse mAb	97473	69627		56025		36268				42847	51562	80342
CD14 (61D3) Mouse mAb	82944	29943		59896		36377			99811	64342		44947
CD19 (SJ25C1) Mouse mAb		49255		60751		31943		47432				78813
CD19 (Intracellular Domain) (D4V4B) XP® Rabbit mAb			70418	58960			16344					
CD44 (IM7) Rat mAb	53289	75122		88151		80813			38200	63882	86109	46375
CD45 (HI30) Mouse mAb	74292	86532		89492		98228			32125	39170	77322	28418
CD68 (D4B9C) XP® Rabbit mAb			24850	79594								
CD161/KLRB1 (HP-3G10) Mouse mAb	26450	67086		83130		51113				26217		
GATA-3 (D13C9) XP® Rabbit mAb				13411								
Granzyme B (D2H2F) Rabbit mAb			33359	65563			50590					
HLA-DR (L243) Mouse mAb		54126		78397				17634		46861	92482	
IL2-Rα/CD25 (BC96) Mouse mAb				62957		20164						43212
NCAM1 (CD56) (MY31) Mouse mAb		67184		73521		51997						42804
PU.1 (9G7) Rabbit mAb			2216	81886			2240					
T-Bet/TBX21 (D6N8B) XP® Rabbit mAb			14298				14307					
TCF1/TCF7 (C63D9) Rabbit mAb			6444	14456	35972	37636	6709					90511
TIM-3 (D5D5R™) XP® Rabbit mAb			54669	67761			78226					
Tox/Tox2 (E6G50) Rabbit mAb			44682	25202	61824		82473					



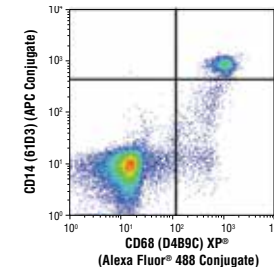
CD4 (RPA-T4) Mouse mAb (FITC Conjugate) #48705: Flow cytometric analysis of live human peripheral blood mononuclear cells using #48705 (solid line) compared to concentration-matched Mouse (MOPC-21) mAb IgG1 Isotype Control (FITC Conjugate) #97146 (dashed line).



Tox/Tox2 (E6G50) Rabbit mAb (PE Conjugate) #25202: Flow cytometric analysis of human peripheral blood mononuclear cells, gated on lymphocytes, using #25202 and co-stained with CD3 (UCHT1) Mouse mAb (violetFluor™ 450 Conjugate) #61347.



Granzyme B (D2H2F) Rabbit mAb (Alexa Fluor® 647 Conjugate) #50590: Flow cytometric analysis of human peripheral blood mononuclear cells treated with anti-CD3 plus anti-CD28 (10 µg/ml, 72 hr), using #50590 and co-stained with CD8α (RPA-T8) (violetFluor™ 450 Conjugate) #25109.



CD68 (D4B9C) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate) #24850: Flow cytometric analysis of human peripheral blood mononuclear cells using #24850 and co-stained with CD14 (61D3) Mouse mAb (APC Conjugate) #36377.

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