

Title: Single-cell mass cytometry adapted to measurements of the cell cycle  
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 Data Source: Table 1

Mass cytometry

Antigen	Conjugate	Clone	Concentration	Manufacturer
CD3	In-113	UCHT1	1.5 µg/mL	Biolegend
CD45	In-115	HI30	1.5 µg/mL	Biolegend
CD45RA	La-139	HI100	1 µg/mL	Biolegend
CD133	Pr-141	AC133	2 µg/mL	Milteney
CD19	Nd-142	H1B19	1 µg/mL	BD Biosciences
CD71	Nd-143	R17217	2 µg/mL	eBiosciences
CD11b	Nd-144	ICRF44	2 µg/mL	Biolegend
CD4	Nd-145	RPA-T4	2 µg/mL	Biolegend
CD8	Nd-146	RPA-T8	1 µg/mL	Biolegend
CD20	Sm-147	2H7	1 µg/mL	BD Biosciences
CD34	Nd-148	8G12	2 µg/mL	BD Biosciences
CD90	Sm-149	5E+10	2 µg/mL	Biolegend
CD117	Nd-150	104D2	0.5 µg/mL	Biolegend
CD123	Eu-151	9f5	2 µg/mL	BD Biosciences
CD235	Sm-152	HIR2	0.5 µg/mL	Biolegend
HLA-DR	Eu-153	L243	2 µg/mL	Biolegend
Cyclin A	Sm-154	BF683	2 µg/mL	BD Biosciences
Cyclin B1	Gd-156 Dy-1	GNS-1	2 µg/mL	BD Biosciences
CD33	Gd-158	WM53	1.5 µg/mL	Biolegend
CD38	Tb-159	HIT2	1 µg/mL	Biolegend
CD14	Gd-160	M5E2	2 µg/mL	Biolegend
CD7	Dy-162	M-T701	0.5 µg/mL	BD Biosciences
CD15	Dy-164	W6D3	0.5 µg/mL	Biolegend
p-pRb (S807/811)	Ho-165	J112-906	0.5 µg/mL	BD Biosciences
Ki-67	Er-167	B56	1 µg/mL	BD Biosciences
CD13	Er-168	L138	2 µg/mL	BD Biosciences
p-CDK1(Y15)	Tm-169	10A11	2 µg/mL	Cell Signaling Tech
CD56	Er-170	HCD56	2 µg/mL	Biolegend
cleaved-PARP(D214)	Yb-171	F21-852	1 µg/mL	BD Biosciences
p-RPS6(S235/36)	Yb-172	N7-548	1 µg/mL	BD Biosciences
CD10	Yb-174	HI10a	4 µg/mL	Biolegend
CD16	Lu-175	3G8	2 µg/mL	Biolegend
p-Histone H3(S28)	Yb-176 Er-16	HTA28	0.5 µg/mL	Biolegend

Fluorescent cytometry

Antigen	Conjugate	Clone	Concentration	Manufacturer
CD3	PE-Cy7	SK7		BD Biosciences
p-pRb(S807/811)	Alexa 647	J112-906		BD Biosciences
BrdU	None	B-44		BD Biosciences
Cyclin B1	FITC	GNS-1		BD Biosciences
pHH3(S28)	Pacific Orange	HTA28		Biolegend
Mouse IgG	FITC, PE-Cy7			eBiosciences