

Table S2, related to Figure STAR Methods. Antibodies used for mass cytometry experiments. The “SPADE” column indicates the markers used for performing clustering in the SPADE analysis

Antigen	Conjugate	Clone	Concentration	Manufacturer	SPADE
CD3	In-113	UCHT1	4 µg/mL	Biolegend	
CD45	In-115	HI30	2 µg/mL	Biolegend	X
CD41	La-139	HIP8	1 µg/mL	Biolegend	X
CD7	Nd-142	M-T701	2 µg/mL	BD Biosciences	X
CD71	Nd-143	R17217	1 µg/mL	Thermo Fisher Scientific	X
CD235	Nd-144	HIR2	1 µg/mL	Biolegend	X
p-Akt (S473)	Nd-145	D9E	2 µg/mL	CST	
HLA-DR	Nd-146	L243	2 µg/mL	Biolegend	X
CD56	Sm-147	NCAM16.2	1 µg/mL	BD Biosciences	X
CD34	Nd-148	581	2 µg/mL	Biolegend	X
CD90	Sm-149	5E10	4 µg/mL	Biolegend	X
CD117	Nd-150	104D2	2 µg/mL	Biolegend	X
CD123	Eu-151	6H6	2 µg/mL	Biolegend	
CD33	Sm-152	P67.6	1 µg/mL	BD Biosciences	
p-STAT1 (Y701)	Eu-153	58D6	1 µL/test	Fluidigm	
p-MAPKAPK2 (T334)	Sm-154	27B7	2 µg/mL	CST	
CD45RA	Gd-155	HI100	1.5 µg/mL	Biolegend	X
p-p38 (T180/Y182)	Gd-156	D3F9	1 µL/test	Fluidigm	
p-STAT5 (Y694)	Gd-157	47	2 µg/mL	BD Biosciences	
p-STAT3 (Y705)	Gd-158	4	1 µL/test	Fluidigm	
CD38	Tb-159	HIT2	1 µg/mL	Biolegend	X
CD14	Gd-160	M5E2	2 µg/mL	Biolegend	X
CD16	Dy-161	3G8	2 µg/mL	Biolegend	X
CD11b	Dy-162	ICRF44	2 µg/mL	Biolegend	X
CD64	Dy-163	10.1	1 µg/mL	Biolegend	X
CD15	Dy-164	W6D3	3 µg/mL	Biolegend	X
p-pRb (S807/811)	Ho-165	J112-906	0.75 µg/mL	BD Biosciences	
p-ERK 1/2 (T202/Y204)	Er-167	D13.14.4E	1 µL/test	Fluidigm	
p-4E-BP1 (T37/T46)	Er-170	236B4	1.5ug/mL	CST	
cleaved-PARP(D214)	Yb-171	F21-852	1 µg/mL	BD Biosciences	
CD10	Yb-172	HI10a	3 µg/mL	Biolegend	X
CD19	Yb-173	H1B19	2 µg/mL	BD Biosciences	
CD20	Yb-174	2H7	2 µg/mL	Biolegend	

p-STAT6 (Y641)	Yb-175	18	1 μ L/test	Fluidigm	
p-CREB (S133)	Yb-176	87G3	1.5 μ g/mL	CST	