

Title: Application of phospho-CyTOF to characterize immune activation in patients with sickle cell disease in an ex vivo model of thrombosis

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Data Source: Table 1

Surface staining panel (CyTOF)

Antigen	Conjugate	Clone	Manufacturer
CD57	113 In	HCD57	Biolegend
CD45	115 In	HI130	Biolegend
CD235a/b	141 Pr	HIR2	Fluidigm
CD19	142 Nd	HIB19	Biolegend
CD45RA	143 Nd	HI100	Biolegend
CD4	145 Nd	RPA-T4	Biolegend
CD8	146 Nd	RPA-T8	Biolegend
CD16	148 Nd	3G8	Biolegend
CD127	149 Sm	A019D5	Biolegend
CD1c	150 Nd	L161	Biolegend
CD123	151 Eu	6H6	Biolegend
CD66b	152 Sm	G10F5	Biolegend
CD27	155 Gd	O323	Biolegend
CD14	160 Gd	M5E2	Biolegend
CD56	161 Dy	B159	Biolegend
CD25	166 Er	M-A251	Biolegend
CD3	168 Er	UCHT1	Biolegend
CD38	170 Er	HB-7	Biolegend
CD161	171 Yb	HP-3G10	Biolegend
HLADR	174 Yb	L243	Biolegend
CD61	209 Bi	VI-PL2	Fluidigm

Intracellular phosphoprotein panel (CyTOF)

Antigen	Conjugate	Clone	Manufacturer
p-STAT5	147 Sm	47	Fluidigm
p-STAT1	153 Eu	58D6	Fluidigm
p-p38	156 Gd	D3F9	Fluidigm
p-STAT3	158 Gd	4	Fluidigm
p-MAPKAP2	159 Tb	27B7	Fluidigm
p-PLCg2	162 Dy	K86-689.37	Fluidigm
IkBα	164 Dy	L35A5	Fluidigm
p-CREB	165 Ho	87G3	Fluidigm
p-ERK1/2	167 Er	D13.14.4E	Fluidigm
p-S6	175 Lu	N7-548	Fluidigm