

Title: Clinical recovery from surgery correlates with single-cell immune signatures
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All reagents except those supplied by DVS Sciences (now Fluidigm) were conjugated, validated and titrated by the authors.

Mass-tagged antibody panel 1

This panel was used in the preliminary analysis of 6 patients

Antigen	Conjugate	Clone	Phospho-Epitope	Supplier
CD235ab	In 113	HIR2		Biologend
CD61	In 113	VI-PL2		BD
pSTAT3	La 139	4/P	pY705	BD
CD7	Pr 141	M-T701		BD
CD19	Nd 142	H1B19		DVS
STAT1	Nd 143	4a	pY701	BD
CD11b	Nd 144	ICRF44		DVS
CD4	Nd 145	RPA-T4		DVS
CD8a	Nd_146	RPA-T8		DVS
CD20	Sm 147	2H7		DVS
pCREB	Nd 148	87G3	pS133	CST
STAT6	Sm 149	18	pY641	BD
CCR7	Nd 150	150503		R&D
CD123	Eu 151	6H6		DVS
PLCg2	Sm 152	K86-689.37	pY759	BD
CD-45RA	Eu 153	HI100		DVS
CD45	Sm 154	HI30		DVS
CD33	Gd 158	WM53		Biologend
CD11c	Tb 159	Bu15		DVS
CD14	Gd 160	M5E2		DVS
pSTAT5	Dy 164	47	pY694	BD
CD16	Ho 165	3G8		DVS
STAT4	Er 166	38	pY693	BD
CD27	Er 167	O323		DVS
pERK	Er 168	D13.14.4E	pT202/Y404	CST
pP38	Tm 169	36/p38	pT184/pY182	BD
CD33	Er 170	UCHT1		DVS
CD66	Yb 171	CD66a-B1.1		DVS
prpS6	Yb 172	N7-548	pS235/236	BD
HLA-DR	Yb 174	L243		DVS
CD56	Yb 176	HCD56		Biologend

Mass-tagged antibody panel 2

This panel was used in the analysis of the subsequent 26 patients

Antigen	Conjugate	Clone	Phospho-Epitope	Supplier
CD235ab	In 113	HIR2		Biologend
CD61	In 113	VI-PL2		BD
CD45	In 115	HI30		
pSTAT3	La 139	4/P	pY705	BD
CD7	Pr 141	M-T701		BD
CD19	Nd 142	H1B19		DVS
STAT1	Nd 143	4a	pY701	BD
CD11b	Nd 144	ICRF44		DVS
CD4	Nd 145	RPA-T4		DVS
CD8a	Nd 146	RPA-T8		DVS
CD127	Sm 147	HCD127		Biologend
pCREB	Nd 148	87G3	pS133	CST
pP65	Sm 149	K10-895.12.50	pS529	BD
CCR7	Nd 150	150503		R&D
CD123	Eu 151	6H6		DVS
PLCg2	Sm 152	K86-689.37	pY759	BD
CD45RA	Eu 153	HI100		DVS
Nkp44	Sm 154	253415		R&D
pP38	Gd 156	36/p38	pT184/pY182	BD
CD33	Gd 158	WM53		Biologend
CD11c	Tb 159	Bu15		DVS
CD14	Gd 160	M5E2		DVS
CD69	Dy 162	FN50		DVS
pSTAT5	Dy 164	47	pY694	BD
CD16	Ho 165	3G8		DVS
FoxP3	Er 166	PCH101		Ebioscience
pMAPKAPK2	Er 167	27B7	pT334	CST
pERK	Er 168	D13.14.4E	pT202/Y404	CST
CD25	Tm 169	2A3		DVS
CD3	Er 170	UCHT1		DVS
CD66	Yb 171	CD66a-B1.1		DVS
pS6	Yb 172	N7-548	pS23/236	BD
HLA-DR	Yb 174	L243		DVS
CD56	Yb 175	NCAM		BD
pp90RSK	Yb 176	D5D8	pS380	CST