

Title: Landscape of coordinated immune responses to H1N1 challenge in humans  
 Authors: Rahil et al.  
 Publication: The Journal of Clinical Investigation

Table Title: Mass Cytometry Surface Antibody Panel  
 Data source: Supplemental Material, Page 22

Antigen	Clone	Metal Isotope	Vendor and Catalog Number
CD38	HIT2	89	Biolegend 303502
CD235a	HIR2	113	Biolegend 306602
CD45	HI30	115	Biolegend 304002
CD61	VI-PL2	140	Biolegend 336402
CD7	M-T701	141	BD Biosciences 555359
CD33	AC104.3E3	142	Miltenyi (Custom)
CD11c	Bu15	143	Biolegend 337202
CD123	7G3	148	BD Biosciences 554527
CD14	M5E2	151	Biolegend 301802
CD11b	ICRF44	153	Biolegend 301302
CD8	RPA-T8	155	Biolegend 301002
CD4	OKT4	156	Biolegend 317402
CD3	SP34.2	157	BD Biosciences 551916
CD66	YTH71.3	158	Pierce MA1-36189
CD16	3G8	159	Biolegend 302033
CD1c	AD5-8E7	162	Miltenyi (Custom)
BdCA3	1A4	164	BD Biosciences 559780
CD45RA	HI100	166	Biolegend 304102
CD161	HP-G310	168	Biolegend 339902
CCR7	150503	171	R&D MAB197-100
CD19	J3-119	173	Beckman Coulter IM1313
IgM	G20-127	174	BD Biosciences 555780
CD56	NCAM16.2	175	BD Biosciences 559043
HLA-DR	Immu357	176	Beckman Coulter Immu357
CD27	323	209	Biolegend 302802

Table Title: Mass Cytometry Intracellular Antibody Panel  
 Data source: Supplemental Material, Page 23

Antigen	Clone	Metal Isotope	Vendor and Catalog Number
STAT3 pY705	4	139	BD Biosciences 612357
MAPKAPK2 pT334	27B7	144	CST 3007
CREB pS133	87G3	145	CST 9198
PLCy2 pY759	K86-689.37	146	BD Biosciences (Custom)
STAT1 pY701	4a	147	BD Biosciences 612233
STAT5 pY694	47	149	BD Biosciences 611965
S6 pS235/236	2F9	150	CST 4856
Erk1/2 pT202/Y204	D13.14.4E	152	CST 4370
P38 pT180/Y182	36/p38	154	BD Biosciences 612289
Zap70/Syk vκ pY319/Y352	17a	160	BD Biosciences 612574
TBK1/NAK pS172	D52C2	161	CST 5483
IκBα amino-terminal	L35A5	163	CST 4814
STAT6 pY691	18	165	BD Biosciences 611597
FoxP3	PCH101	167	Thermo Fisher 14-4776-82
Ki67	SoIA15	169	Thermo Fisher 14-5698-82
STAT4 pY693	38	170	BD Biosciences 612738
4E-BP1 pT37/46	236B4	172	CST 2855

Table Title: Flow Cytometry Antibody Panel  
 Data source: Supplemental Material, Page 25

Antigen	Clone	Fluorophore	Vendor and Catalog Number
IFNα	MMHA-11	FITC	PBL Assay Science 21112-3
TNFα	MAB11	APC	Biolegend 502912
CD38	HB-7	FITC	Biolegend 356610
PD-L1	29E.2A3	PE-Cy7	Biolegend 329718
CD80	2D10	BV421	Biolegend 305222
CD86	2331 (FUN-1)	BUV737	BD Biosciences 564428
BdCA4	12C2	PE	Biolegend 354503
CD123	7G3	BUV395	BD Biosciences 564195
HLA-DR	L243	BV605	Biolegend 307640
CD11c	Bu15	Alexa700	Biolegend 337220
CD16	3G8	BV650	Biolegend 302042
CD14	M5E2	BV785	Biolegend 301840
CD66b	G10F5	PerCP-Cy5.5	Biolegend 305108
CD335	900	PerCP-Cy5.5	Biolegend 331920
CD20	2H7	PerCP-Cy5.5	Biolegend 302326
CD19	HIB19	PerCP-Cy5.5	Biolegend 302230
CD3	UCHT1	PerCP-Cy5.5	Biolegend 300430