

Title: Single-cell mass cytometry reveals distinct populations of brain myeloid cells in mouse neuroinflammation and neurodegeneration models.

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Table Title: Cell Surface Antibody Reagents

Data source: Supplementary Table 2a: Cell Surface Antibody Reagents

Antigen	Supplier	Label Symbol	Label Atomic Mass	Clone	Catalog Number
B220	BioLegend	Pr	141	RA3-6B2	103202
CD11b	BioLegend	Nd	142	MI/70	101202
CD11c	BioLegend	Nd	143	N418	117302
CD194	BioLegend	Gd	160	2012	131202
CD195	eBioscience	Gd	155	HM-CCR5(7A4)	14-1951-85
CD200R	BioLegend	Yb	172	OX2R	123902
CD206	AbD Serotec	Er	166	MR5D3	MCA2235
CD217 (IL-17RA)	eBioscience	Lu	175	PAJ-17R	12-7182-82
CD274	BioLegend	Nd	146	B7-H1	124302
CD3	BioLegend	In	113	145-2C11	100302
CD38	BioLegend	Dy	161	90	102702
CD39	BioLegend	Er	170	Duha59	143802
CD4	BioLegend	Nd	150	RM4-5	100506
CD45	BioLegend	Yb	176	30-F11	103102
CD49d	BioLegend	Sm	147	9C10 (MFR4.B)	103708
CD49e	BioLegend	Nd	148	5H10-27 (MFR5)	103801
CD80	BD	Er	168	16-101	553766
CD86	BioLegend	Th	159	GL-1	105002
H-2	BioLegend	Nd	145	M1/42	125502
Ly6C	Novus Biologicals	Eu	151	HK1.4	NBP1-28046
Ly6G	BioLegend	Ce	140	1A8	127632
MHCII	BioLegend	In	115	M5/114.15.2	107602
CD317 (PDCA-1)	Novous/ imgenx	Eu	153	120GB	DDX0390-067
TIM4	Hycult Biotech	Dy	163	Kat5-18	11550M0512
MerTK	R&D	Dy	162	Polyclonal	DGS0213111
AXL	R&D	Er	167	Polyclonal	CTC0213041
TREM2	BioRad	Tm	169	78.18	1113
4D4	gift*	Sm	154		Gift
Fcrls	gift*	Sm	152		Gift
GFP**	BioLegend	La	139	FM264G	338002

*Gift from Dr. Butovsky

** Used for detection of YFP in CNS tissues from Cx3cr1(creER)Rosa26-YFP

Table Title: Signaling Antibodies, Apoptotic and Proliferative Markers

Data source: Supplementary Table 2b

Antigen	Supplier	Label Symbol	Label Atomic Mass	Clone	Catalog Number
C/EBPa	CST	Ho	165	D56F10	8178S
C/EBPb	Abcam	Dy	164	E299	ab32358
pCREB	CST	Yb	174	87G3	9198BF
pSTAT1	CST	Gd	155	58D6	9167BF
pSTAT3	DVS	Gd	158	4/P-STAT3	3158005A
pSTAT5	BD	Nd	144	47	624084
NFkB (p65)	BD	Yb	171	K10-895.12.50	558393
MAPKAPK2	CST	Yb	173	27B7	3007BF
cPARP	BD	La	139	F21-852	519000017
Ki-67	BD	Sm	152	B56	556003

Table Title: Cytokine Antibodies

Data source: Supplementary Table 2c

Antigen	Supplier	Label Symbol	Label Atomic Mass	Clone	Catalog Number
GM-CSF	BioLegend	Dy	164	MP1-22E9	505402
IFN-a	Hycult Biotech	Yb	173	F1	HM1001
IFN-g	DVS	Ho	165	XMG1.2	3165003B
IL-10	DVS	Gd	158	JES5-16E3	3158002B
IL-17A	DVS	Tm	169	TC11-18H10.1	3169005B
IL-6	DVS	Er	167	MP5-20F3	3167003B
TGF-beta	BioLegend	Yb	171	19D8	521704
TNF-a	DVS	Dy	162	MP6-XT22	3162002B