

Materials List for:

Analysis of Microglia and Monocyte-derived Macrophages from the Central Nervous System by Flow Cytometry

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URL: <https://www.jove.com/video/55781>

DOI: [doi:10.3791/55781](https://doi.org/10.3791/55781)

Materials

Name	Company	Catalog Number	Comments
5 month-old Mice	Janvier	C57BL/6J	
Liberase TL Research Grade	Sigma-Aldrich	5401020001	Digestion enzyme
Deoxyribonuclease I from bovine pancreas	Sigma-Aldrich	DN25	
Percoll	GE Healthcare Life Sciences	17-0891-01	Density gradient medium
Cell Strainer size 70 µm Nylon	Corning	731751	
Venofix 25 G	BRAUN	4056370	
Piston syringe 10 mL	Terumo	SS+10ES1	
Pasteur pipette 230 mm	Dustcher	20420	
1.5 mL tube	Eppendorf	0030 123.328	
15 mL tube	TPP	91015	
50 mL tube	TPP	91050	
5 mL polystyrene round bottom tube	BD Falcon	352054	
D-PBS (1x) without Ca ²⁺ /Mg ²⁺	Thermo Fisher Scientific	14190-094	
D-PBS (10x) without Ca ²⁺ /Mg ²⁺	Thermo Fisher Scientific	14200-067	
Fetal bovine serum	Thermo Fisher Scientific	10270-106	
EDTA	Sigma-Aldrich	E4884	
Bovine Serum Albumin solution 30%	Sigma-Aldrich	A7284	
Paraformaldehyde 32% Solution	Electron Microscopy Sciences	15714-S	Caution -Toxic
Saponin	Sigma-Aldrich	S2002	
Sodium Azide	Sigma-Aldrich	47036	
PerCPCy5.5 Rat anti-mouse CD11b (clone M1/70)	eBioscience	45-0112	
Rat IgG2b K Isotype Control PerCP-Cyanine5.5	eBioscience	45-4031	
BV421 Rat anti-mouse CD45 (clone 30-F11)	BD Biosciences	563890	
BV421 Rat IgG2b, κ Isotype Control RUO	BD Biosciences	562603	
Rabbit anti-mouse TMEM119 (clone28 - 3)	Abcam	ab209064	

AlexaFluor 647 Donkey anti-rabbit IgG	Life Technologies	A31573	
Anti-Mouse CD16/CD32 Purified	eBioscience	14-0161	Mouse Fc Block
Fixable Dead Cell Stain Kits	Invitrogen	L34969	
Mouse CCR2 APC-conjugated Antibody	R&D	FAB5538A	
Rat IgG2B APC-conjugated Isotype Control	R&D	IC013A	
Mouse CX3CR1 PE-conjugated Antibody	R&D	FAB5825P	
Goat IgG PE-conjugated Antibody	R&D	IC108P	
Centrifuge	Eppendorf	5804R	
Cell analyzer	BD Biosciences	BD FACSVERGE	
Data Analysis Software	FlowJo LLC	FlowJo	
Fine scissors	F.S.T	14090-11	
Standard Pattern Forceps	F.S.T	11000-13	
Mayo Scissors	F.S.T	14010-15	
Dumont #5 Forceps	F.S.T	11251-20	