

1 Resources

2 Details regarding antibodies, chemicals and supplements are reported in Reagents and Tools Table.

Reagent/Resource	Reference or Source	Identifier or Catalog Number
Antibodies		
Rabbit anti-Iba-1 (IF) (1:200)	Wako	Cat# 019-19741 RRID:AB_839504
Rabbit anti-C1q (IF) (1:200)	Abcam	Cat# 182451 RRID:AB_2732849
Guinea pig anti-Vglut1 (1:500)	Synaptic Systems	Cat# 135304 RRID:AB_887878
Rabbit anti-Shank2 (1:500)	Synaptic Systems	Cat# 162202 RRID:AB_2619860
Mouse anti-PSD95 (Post Synaptic Density protein 95) (1:200)	Merck Millipore	Cat# MAB1596 RRID:AB_2092365
Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 555 (1:200)	Thermo Fisher Scientific	Cat# A-21429 RRID:AB_2535850
Goat anti-Guinea Pig IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 488 (1:200)	Thermo Fisher Scientific	Cat# A-11073 RRID:AB_2534117
Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 488 (1:200)	Thermo Fisher Scientific	Cat# A-11001 RRID:AB_2534069
Goat anti-Rat IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 488 (1:200)	Thermo Fisher Scientific	Cat# A-48262 RRID:AB_2896330
Rat anti-CD11b-PE (1:100)	BD Pharmigen	Cat# 553311 RRID:AB_394775
Rat anti-Lamp1 (1:1000)	Thermo Fisher Scientific	Cat# 14-1071-85 RRID:AB_657533
Rat anti-CD68 (1:500)	Biolegend	Cat# 137001 RRID:AB_2044003
Rabbit anti-Cathepsin D (1:400)	custom	https://doi.org/10.1152/ajpcell.00212.2009
Mouse anti-Tmem119 (1:500)	Proteintech	Cat# 66948-1-IG RRID:AB_2882272
Rabbit anti-C3 (1:500)	Abcam	Cat# Ab200999 RRID:AB_2924273
Rabbit anti-C1qA (WB) (1:500)	Invitrogen	Cat# PA5-29586 RRID:AB_2547062
Rabbit anti-Alix (1:500)	Covalab	Cat# PAB0204 RRID:AB_2716810
Mouse anti-Flotillin (1:1000)	BD Biosciences	Cat# 610820 RRID:AB_398139
Rabbit anti-Annexin A2 (1:5000)	Abcam	Cat# ab41803 RRID:AB_940267
Mouse anti-GS28 (1:1000)	BD Biosciences	Cat# 611184 RRID:AB_398718
Rabbit anti-GAPDH (1:1000)	Synaptic Systems	Cat# 247002 RRID:AB_10804053
Rabbit anti-Iba-1 (WB) (1:500)	Wako	Cat# 016-20001 RRID:AB_839506
Mouse anti-GFAP (1:1000)	Merck Millipore	Cat# G3893 RRID:AB_477010
Mouse anti-βIII-tubulin (1:2000)	Biolegend	Cat# MMS-435P RRID:AB_2313773
Rabbit anti-Olig2 (1:300)	Merck Millipore	Cat# AV32753 RRID:AB_1854792
Rabbit anti-GM130 (1:1000)	Provided by Dr M. Renz, Institute of Immunology and Molecular Genetics, Karlsruhe, Germany	N/A
Rabbit anti-Tom20 (1:500)	Santa Cruz Biotechnology	Cat# sc-11415 RRID:AB_2207533
Guinea pig anti-Bassoon (1:500)	Synaptic Systems	Cat# 141004 RRID:AB_2290619
Rat anti-mouse CD11b-CY5 (1:100)	Biolegend	Cat# 101209 RRID:AB_312792
Anti-guinea pig IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 633	Thermo Fisher Scientific	Cat# A-21105 RRID:AB_2535757
Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 633	Thermo Fisher Scientific	Cat# A-21070 RRID:AB_2535731
Goat anti-Rat IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor 555	Thermo Fisher Scientific	Cat# A48263 RRID:AB_2896332
Mouse monoclonal anti-CD45.2 FITC (clone 104)	BioLegend	Cat# 109806 RRID:AB_313443
Rat monoclonal anti-F4/80 PE-Cy5 (clone BM8)	BioLegend	Cat#123112 RRID:AB_893482
Rat monoclonal anti-Tmem119 PE-Cy7 (clone V3RT1GQsz)	eBioscience	Cat# 25-6119-82 RRID:AB_2848312
Rat monoclonal anti-CD31 APC (clone 390)	eBioscience	Cat# 17-0311-82 RRID:AB_657735
Rat anti-C3 (1:100)	Abcam	Cat# Ab11862 RRID:AB_2066623
Rabbit anti-GLAST c-term (1:100)	Provided by Prof. Pietrini (doi: 10.1046/j.1471-4159.2000.0751076.x.)	
Mouse anti-O4-CY5 conjugated (1:100)	Miltenyi	Cat# 130-115-810 RRID:AB_2727204
Chemicals, Enzymes and other reagents		
Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)	Murine GM-CSF-transfected X63 cells	(10.1084/jem.180.6.2089)
Poly-L-lysine Hydrobromide	Merck Millipore	Cat# P2636
Minimal essential medium (MEM)	Gibco	Cat# 31095-029

Foetal bovine serum (FBS)	Gibco	Cat# 10270-106
Glucose	Merck Millipore	Cat# G7021
Poly-DL-ornithine Hydrobromide	Merck Millipore	Cat# P8638
B27 Plus Supplement	Gibco	Cat# A3582801
Neurobasal Plus medium	Gibco	Cat# A3582901
Glutamate	Merck Millipore	Cat# G1251
ATP (Adenosine 5'-triphosphate disodium salt hydrate)	Merck Millipore	Cat# A6419
mCLING-ATTO647	Synaptic System	Cat# 710-006AT1
Annexin V	Merck Millipore	Cat# A7810
DAPI (4',6-diamidino-2-phenylindole)	Thermo Fisher Scientific	Cat# 62247
Isolectin IB4-488-conjugated (1:100)	Invitrogen	Cat# I21414
Isolectin IB4-568-conjugated (1:100)	Invitrogen	Cat# I21412
N-SMase Inhibitor, GW4869	Calbiochem	CAS 6823-69-4
Latex beads, amine-modified polystyrene, fluorescent red	Sigma-Aldrich	Cat# L2778
pHrodo Red, succinimidyl ester	Thermo Fisher Scientific	Cat# P36600
DAKO fluorescent mounting medium	Agilent	Cat# S3023
cOmplete Protease Inhibitor Cocktail	Sigma-Aldrich	Cat# 04693116001
PhosSTOP Phosphatase Inhibitor Cocktail	Sigma-Aldrich	Cat# 04906845001
Hibernate-A Medium	Gibco	Cat# A1247501
Collagenase type I	Worthington Biochemical Corporation	Cat# LS004194
Optiprep	Merck-Millipore	Cat# D1556
FilmTracer Calcein green biofilm stain	Life Technologies	Cat# F10322

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