

Fig. S1

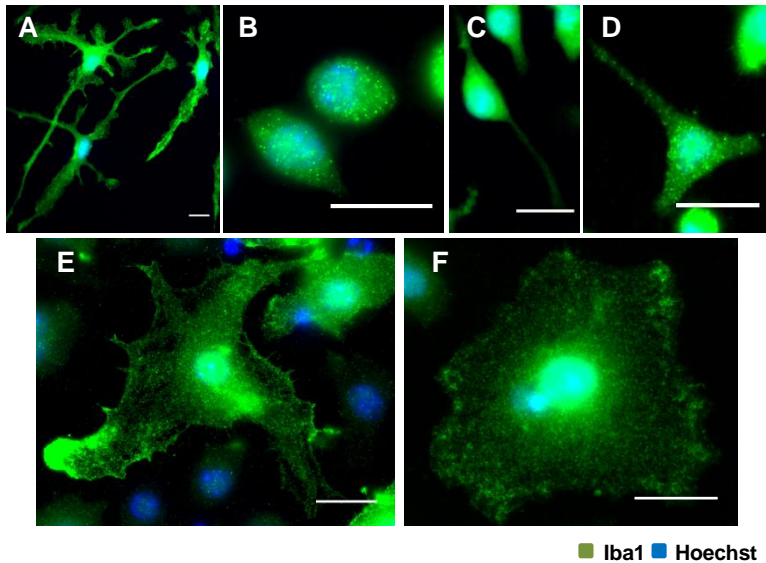


Fig. S1. N9 microglial cells show lower number and length of ramifications than primary cultured microglia from mice cortical brain and a combination of distinct morphologies. Morphological analysis was performed by immunocytochemistry using anti-Iba1, as indicated in methods. Nuclei were stained with Hoechst (blue fluorescence). Primary cultures of microglia isolated from mice cortical brain were stained with Iba-1 and used for comparative purpose (A). Different morphologies observed in N9 cells included round/oval (B), ramified with two (C) or three (D) ramifications, amoeboid with thicker branches (D) and amoeboid with absent ramifications (E). Representative results of one experiment are shown and scale bar represents 20 μ m.

Table S1 – List of primers used in qRT-PCR

Gene	Forward Primer Sequence	Reverse Primer Sequence
<i>beta-actin</i>	5'-GTCCCGGCATGTGCAA-3'	5'-AGGATCTTCATGAGGTAGT-3'
<i>Nos2</i>	5'-ACCCACATCTGGCAGAATGAG-3'	5'-AGCCATGACCTTTCGCATTAG-3'
<i>Mhc-II</i>	5'-TGGGCACCATCTTCATCATT-3'	5'-GGTCACCCAGCACACCACTT-3'
<i>Arg1</i>	5'-CTTGGCTTGCTTCGGAAGTC-3'	5'-GGAGAAGGCGTTTGCTTAGTTC-3'
<i>Fizz1</i>	5'-GCCAGGTCCTGGAACCTTTC-3'	5'-GGAGCAGGGAGATGCAGATGAG-3'
<i>Cx3cr1</i>	5'-TCGTCTTCACGTTCCGGTCTG-3'	5'-CTCAAGGCCAGGTTTCAGGAG-3'
<i>Cd11b</i>	5'-CAGATCAACAATGTGACCGTATGGG-3'	5'-CATCATGTCCCTTGTAAGTCCGCTTG-3'
<i>Nlrp3</i>	5'-TGCTCTTCACTGCTATC AAGCCCT-3'	5'-ACAAGCCTTTGCTCCAGACCCTAT3'
<i>Il-1beta</i>	5'-CAGGCTCCGAGATGAACAAC-3'	5'-GGTGGAGAGCTTTCAGCTCATA-3'
<i>Il-18</i>	5'-TGGTTCCATGCTTTCTGGACTCCT-3'	5'-TTCCTGGGCCAAGAGGAAGTG-3'
miRNA	Primer Sequence	
<i>mmu-miR-155-5p</i>	5'-JUAAUGCUAAUUGUGAUAGGGGU-3'	
<i>hsa-miR-146a-5p</i>	5'-UGAGAACUGAAUCCAUGGGUU-3'	
<i>hsa-miR-124-3p</i>	5'-UAAGGCACGCGGUGAAUGCC-3'	

Table S2 – List of primary antibodies used in Western Blot

Primary antibody	Species	Reference	Dilution
β-actin	mouse	A5441, Sigma-Aldrich, St. Louis, MO, USA	1:5000
CX3CR1	rabbit	sc-30030, Santa Cruz Biotechnology®, CA, USA	1:100
MFG-E8	rabbit	sc-33546, Santa Cruz Biotechnology®, CA, USA	1:175
TLR4	rabbit	sc-10741, Santa Cruz Biotechnology®, CA, USA	1:100
TLR2	rabbit	sc-10739, Santa Cruz Biotechnology®, CA, USA	1:100
NF-κB	rabbit	sc-372, Santa Cruz Biotechnology®, CA, USA	1:500 (or 1:200 for nuclear extracts)
HMGB1	mouse	651402, BioLegend, San Diego, CA, USA	1:200