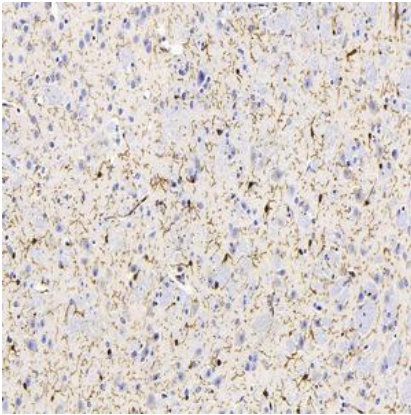
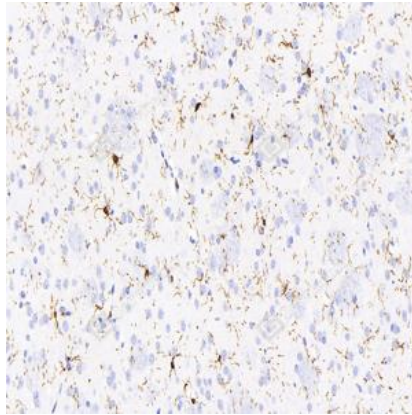


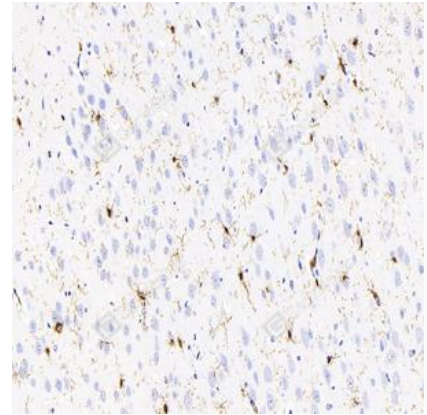
Product name:	Anti-Iba1 Mouse Monoclonal Antibody
Cat number:	MABS12105
Conjugate:	unconjugated
Size:	100 µL
Clone:	5G4E7
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG1, κ
Immunogen:	Recombinant protein corresponding to Mouse Iba1
Reactivity:	Species, Human, Mouse, Rat, Monkey
Applications:	IHC/IF 1: 500-1: 4000
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	AIF1, also named as G1, IBA1 or daintain/AIF-1, is a 143 amino acid cytoplasmic, inflammation response scaffold protein. It is constitutively expressed in monocytes and macrophages and is known to be involved in macrophage activation. It is a marker of activated macrophage. Despite a lack of detailed knowledge on the in vivo physiological functions of AIF-1, there is growing evidence that shows its aberrant expression contributes to the pathogenesis of many autoimmune diseases, including rheumatoid arthritis. AIF1 is an actin-binding protein that enhances membrane ruffling and RAC activation. It enhances lymphocyte migration and the actin-bundling activity of LCP1.



IHC analysis of Iba1. Sample: Mouse brain, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98°C, 20 min. Primary antibody: 1: 2000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG, 1: 200, RT, 1h.



IHC analysis of Iba1. Sample: Rat brain, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98°C, 20 min. Primary antibody: 1: 2000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG, 1: 200, RT, 1h.



IHC analysis of Iba1. Sample: Rat brain, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, 98°C, 20 min. Primary antibody: 1: 2000, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG, 1: 200, RT, 1h.