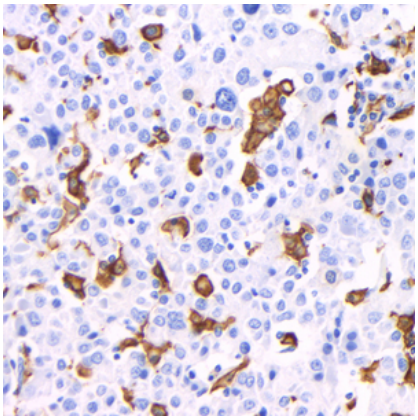
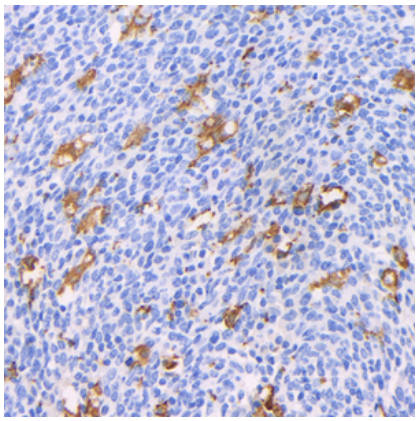
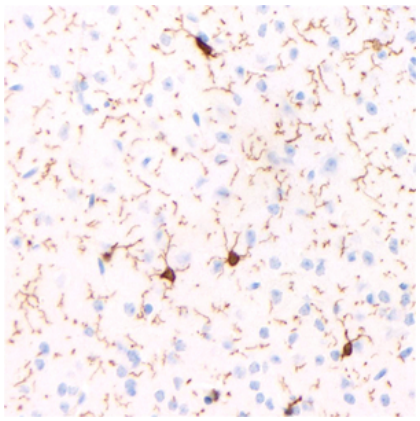
Product name:	Recombinant Anti-Iba1 antibody (Mouse mAb)
Cat number:	ABS15105
Conjugate:	unconjugated
Size:	100 µL
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG1
Immunogen:	Recombinant protein corresponding to Mouse Iba1
Reactivity:	Human, Mouse, Rat, Monkey
Applications:	IHC(PFA fixed)/IF(PFA fixed) 1: 500-1: 1000
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.02%sodium azide,100 µg/ml BSA and 50% glycerol.
Storage:	Store at -20 ℃ 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. Images



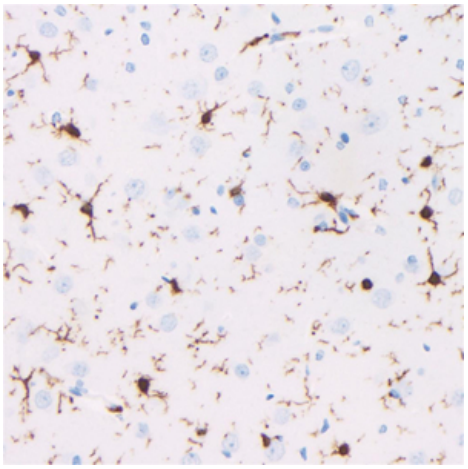
IHC analysis of IBA-1 . Sample: Human liver cancer , 4% PFA 12-24h. Antigen retrieval: TE buffer , 98℃ 20 min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 1000, 4℃ overnight. Secondary antibody: HRP Goat Anti-Mouse IgG , 1: 200 RT 1h.



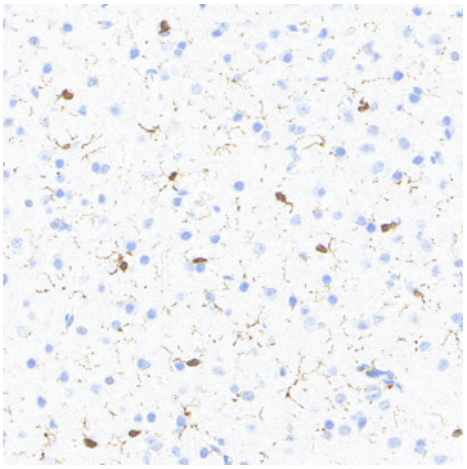
IHC analysis of IBA-1 . Sample: Human tonsil , 4% PFA 12-24h. Antigen retrieval: TE buffer , 98℃ 20 min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 1000, 4℃ overnight. Secondary antibody: HRP Goat Anti-Mouse IgG , 1: 200 RT 1h.



IHC analysis of IBA-1 . Sample: Mouse brain , 4% PFA 12-24h. Antigen retrieval: TE buffer , 98℃ 20 min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 1000, 4℃ overnight. Secondary antibody: HRP Goat Anti-Mouse IgG , 1: 200 RT 1h.



IHC analysis of IBA-1 . Sample: Rat brain , 4% PFA 12-24h. Antigen retrieval: TE buffer , 98℃ 20 min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 1000, 4℃ overnight. Secondary antibody: HRP Goat Anti-Mouse IgG , 1: 200 RT 1h.



IHC analysis of IBA-1 . Sample: Monkey brain, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98℃, 20min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 500, 4℃ overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.