

## Anti-Iba1 antibody [SM4917] (STJA0004917)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC-P/IF-P
Host / Source	Mouse
Reactivity	Human/Mouse/Rat/Monkey

### PRODUCT PROPERTIES

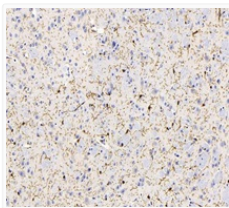
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IHC (PFA fixed) /IF (PFA fixed) (H, M, R, Mk) 1:500-1:4000/1:500-1:2000
Formulation	PBS with 0.02% sodium azide, 100 Mu g/ml BSA and 50% glycerol.
Isotype	IgG
Storage Instruction	Store at -20C for up to one year, and avoid repeated freeze-thaw cycles.

### TARGET INFORMATION

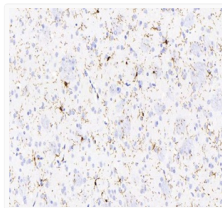
Gene ID	<a href="#">11629</a>
Gene Symbol	<a href="#">Aif1</a>
UniProt ID	<a href="#">AIF1_MOUSE</a>

### ADDITIONAL INFORMATION

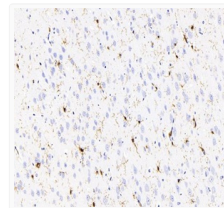
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



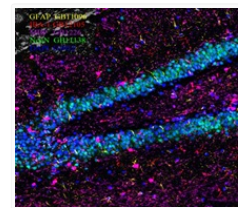
Immunohistochemistry analysis of IBA-1. Sample: mouse brain, 4% PFA 12-24h. Antigen retrieval: TE buffer, 98C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:2000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



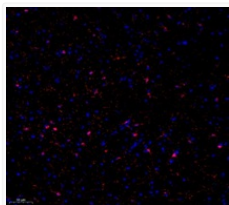
Immunohistochemistry analysis of IBA-1. Sample: Rat brain, 4% PFA 12-24h. Antigen retrieval: TE buffer, 98C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:2000, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



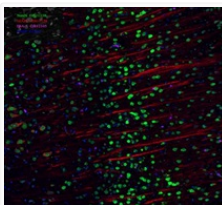
Immunohistochemistry of paraffin embedded rat brain using IBA-1 at dilution of 1:2000



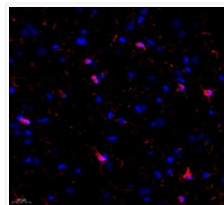
Immunofluorescent analysis of paraffin embedded rat hippocampus using Neun + Iba1 + MBP + GFAP and Dapi in blue at dilution of 1:1000



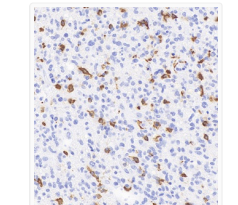
Immunofluorescence of paraffin embedded mouse brain using IBA-1 at dilution of 1:1000



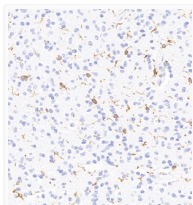
Immunofluorescent analysis of paraffin embedded rat brain using Neun+ Iba1 + MAP2 and Dapi in blue at dilution of 1:1000



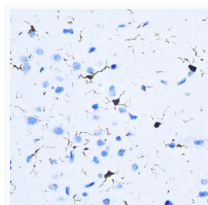
IF analysis of IBA-1. Sample: Rat brain, 4% PFA 12-24h. Antigen retrieval: TE buffer, 98C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:1000, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



Immunohistochemistry analysis of IBA-1. Sample: Human glioblastoma multiforme, 4% PFA 12-24h. Antigen retrieval: TE buffer, 98C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG, Ready to use, RT, 20min.



Immunohistochemistry analysis of IBA-1. Sample: Human oligodendrocytoma, 4% PFA 12-24h. Antigen retrieval: TE buffer, 98C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG, Ready to use, RT, 20min.



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