Best Tools for immunology Research

Iba 1 (PTR1347) mouse mAb

Catalog No :	YM4765
Reactivity :	Human;Mouse;Rat;
Applications :	IHC;WB;IF;ELISA
Target :	AIF1
Gene Name :	AIF1 G1 IBA1
Protein Name :	Allograft inflammatory factor 1 (AIF-1) (Ionized calcium-binding adapter molecule 1) (Protein G1)
Human Gene Id :	199
Human Swiss Prot No :	P55008
Mouse Gene Id :	11629
Mouse Swiss Prot No :	O70200
Rat Gene Id :	29427
Rat Swiss Prot No :	P55009
Immunogen :	Synthesized peptide derived from part region of human protein AA range: 50-147
Specificity :	This antibody detects endogenous levels of Iba 1 protein.
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Mouse, Monoclonal/IgG1, kappa
Dilution :	IHC 1:200-1000. WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
Purification :	Protein G

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 16kD

Observed Band : 17kD

Background : This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016],

Function : function:May play a role in macrophage activation and function.,PTM:Phosphorylated on serine residues.,similarity:Contains 2 EF-hand domains.,

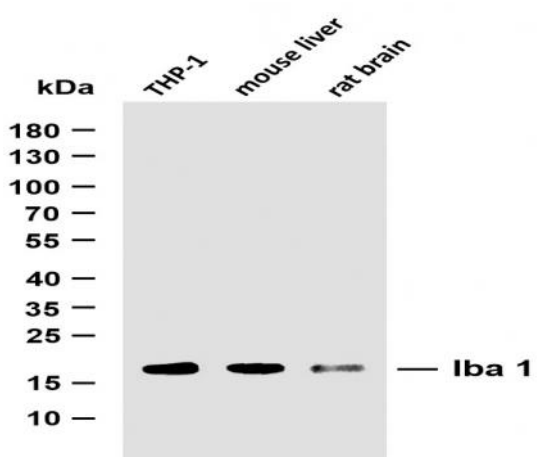
Subcellular Location : Membranous

Expression : Detected in T-lymphocytes and peripheral blood mononuclear cells.

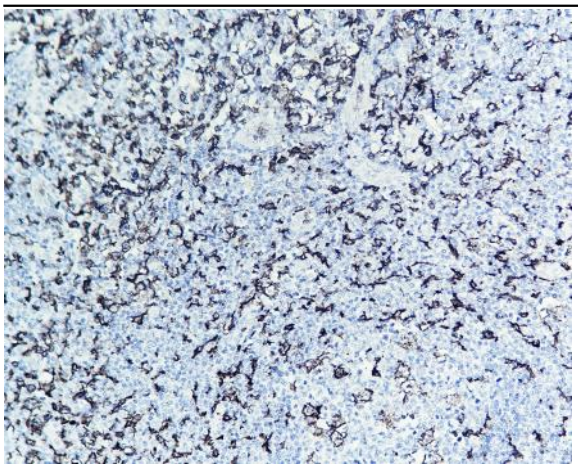
Sort : 673

No4 : 1

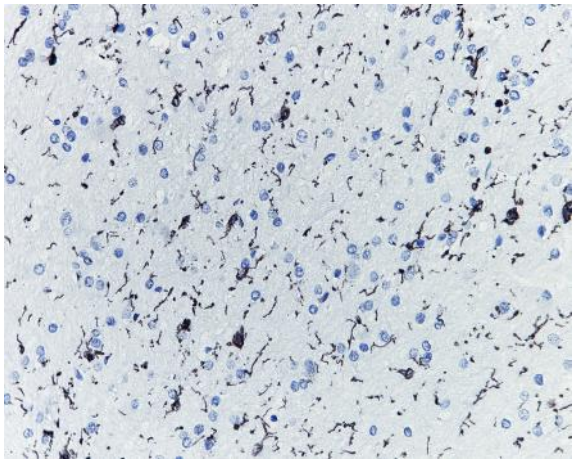
Products Images



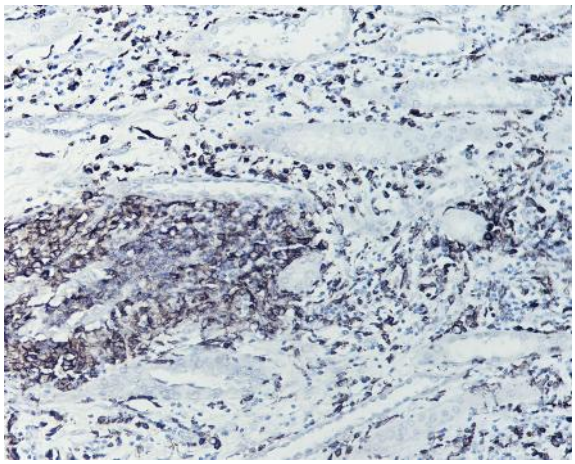
Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Iba 1 (PTR1347) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: THP-1 Lane 2: mouse liver Lane 3: rat brain



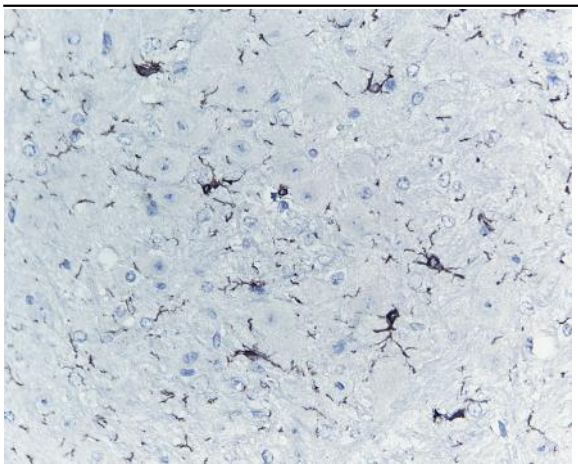
Human tonsil tissue was stained with Anti-Iba 1 (PTR1347) Antibody



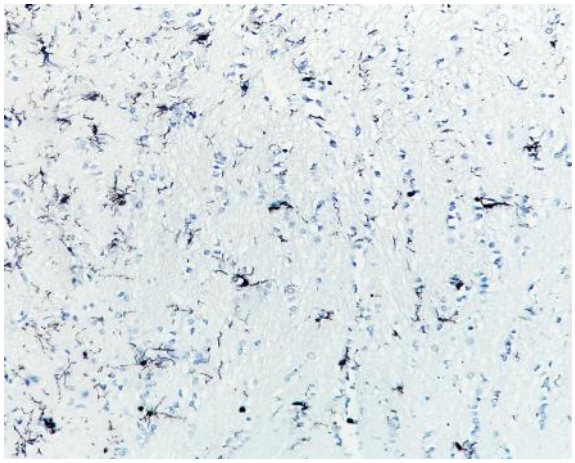
Human brain tissue was stained with Anti-Iba 1 (PTR1347) Antibody



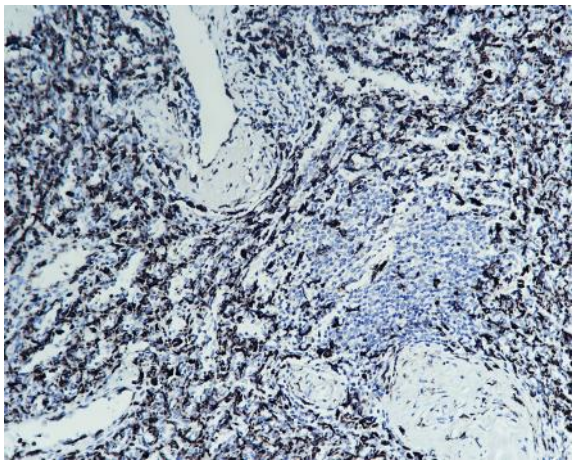
Human kindey tissue was stained with Anti-Iba 1 (PTR1347) Antibody



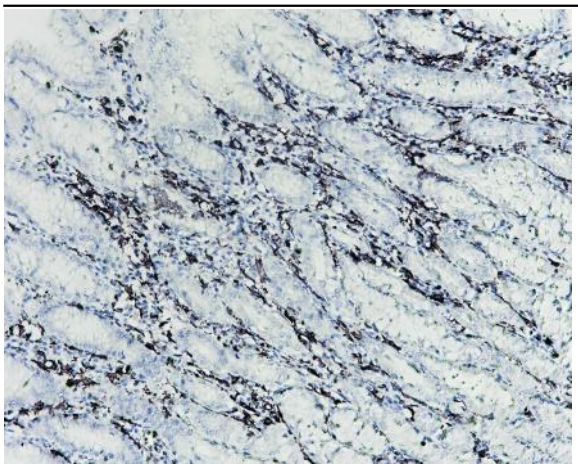
Mouse brain tissue was stained with Anti-Iba 1 (PTR1347) Antibody



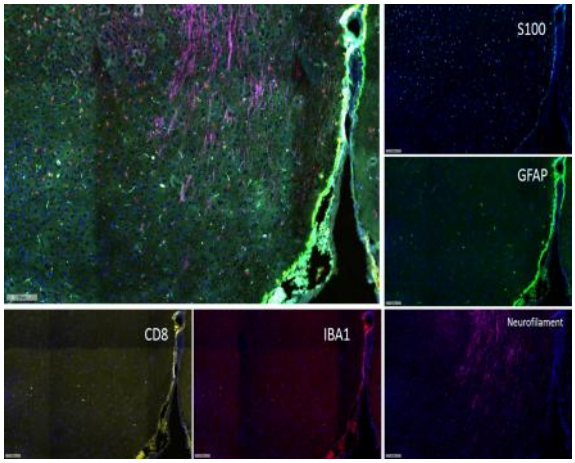
Rat brain tissue was stained with Anti-Iba 1 (PTR1347) Antibody



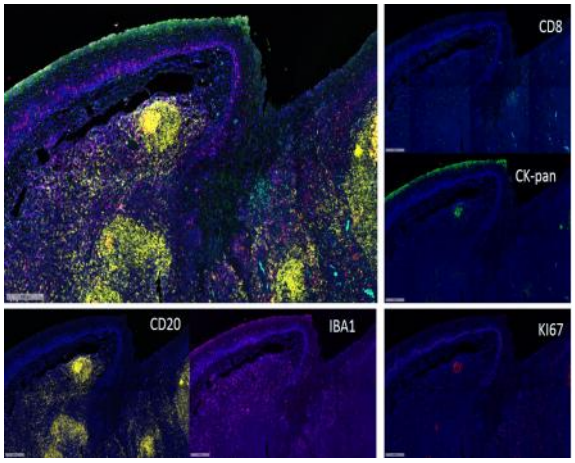
Human spleen tissue was stained with Anti-Iba 1 (PTR1347) Antibody



Human stomach tissue was stained with Anti-Iba 1 (PTR1347) Antibody



Fluorescence multiplex immunohistochemical analysis of Mouse brain tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit (RS0039, Immunoway). GFAP mouse mAb(YM4426 Immunoway) green, S100 mouse mAb(YM6987 Immunoway) cyan,Neurofilament mouse mAb(YM6897 Immunoway) purple,Iba 1 mouse mAb(YM4765 Immunoway) red,CD8 a mouse mAb(YM4815 Immunoway) yellow, The section was incubated in 5 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (Immunoway YS0004, pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).



Fluorescence multiplex immunohistochemical analysis of Human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Pentuple-Fluorescence kit (RS0038, Immunoway). CK-pan mouse mAb(YM6815 Immunoway) green, Ki-67 rabbit mAb(YM7002 Immunoway) red, Iba 1 mouse mAb(YM4765 Immunoway) purple,CD8 a mouse mAb(YM4815 Immunoway) cyan, CD20 mouse mAb(YM4814 Immunoway) yellow, The section was incubated in 5 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (Immunoway YS0004, pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).