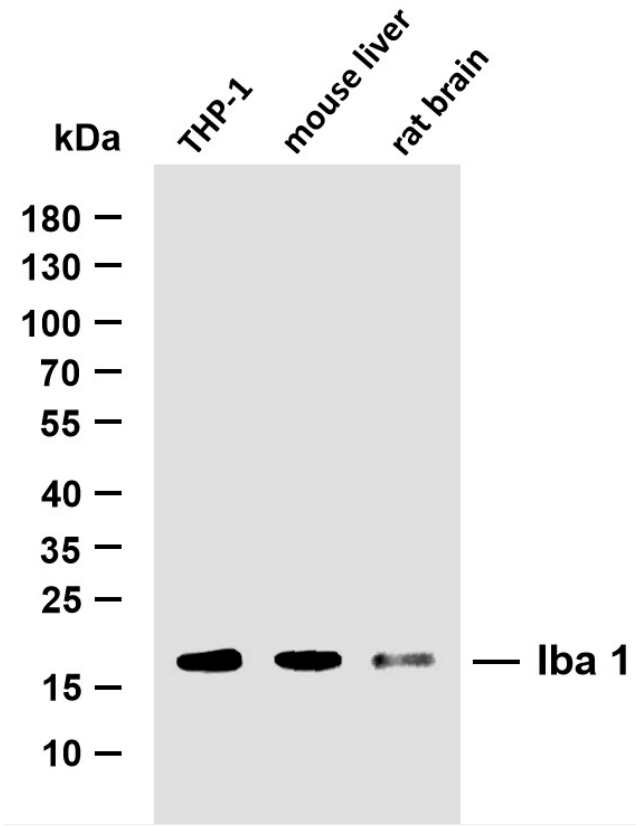
Iba1(PTR1347)mouse mAb

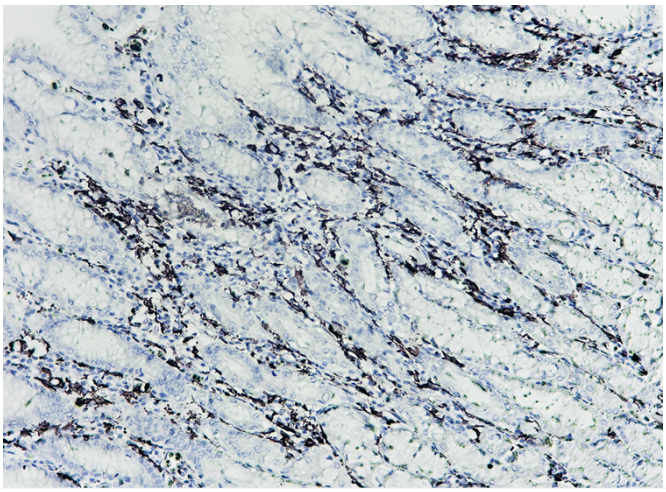
货号	BYab-17998
同位型	IgG
应用	IHC;WB;ELISA
种属	Human; Mouse; Rat
靶点	AIF1
基因名称	AIF1 G1 IBA1
蛋白名称	Allograft inflammatory factor 1 (AIF-1) (Ionized calcium-binding adapter molecule 1) (Protein G1)
免疫原	Synthesized peptide derived from part region of human protein AA range: 50-147
特异性	This antibody detects endogenous levels of AIF1 protein.
组成	PBS, pH7.4, 50% glycerol, 0.05% Proclin 300
来源	Monoclonal, Mouse IgG1, Kappa
稀释	IHC-p 1:200-400, WB 1:500-2000, ELISA 1:5000-20000
纯化工艺	Protein G
其他名称	AIF 1;AIF-1;Aif1;AIF1 protein;AIF1_HUMAN;Allograft inflammatory factor 1;Allograft inflammatory factor 1 splice variant G;allograft inflammatory factor-1 splice variant Hara-1;balloon angioplasty responsive transcription;BART 1;G1;G1 putative splice variant of allograft inflamatory factor 1;IBA 1;IBA1;interferon gamma responsive transcript;Interferon responsive transcript 1;interferon responsive transcript factor 1;Ionized calcium binding adapter molecule 1;Ionized calcium-binding adapter molecule 1;ionized calcium-binding adapter molecule;IRT 1;IRT1;Microglia response factor;MRF1;Protein g1;
实测条带	16kD
背景	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],
功能	function:May play a role in macrophage activation and function.,PTM:Phosphorylated on serine residues.,similarity:Contains 2 EF-hand domains.,
细胞定位	Cytoplasm, cytoskeleton . Cell projection, ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, phagocytic cup . Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis. .

组织表达	Detected in T-lymphocytes and peripheral blood mononuclear cells.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

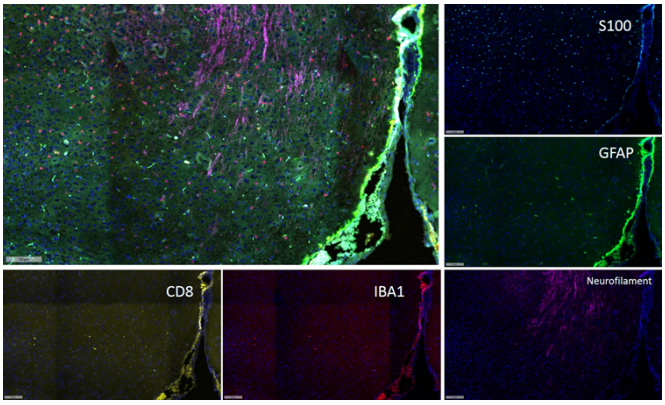
Products Images



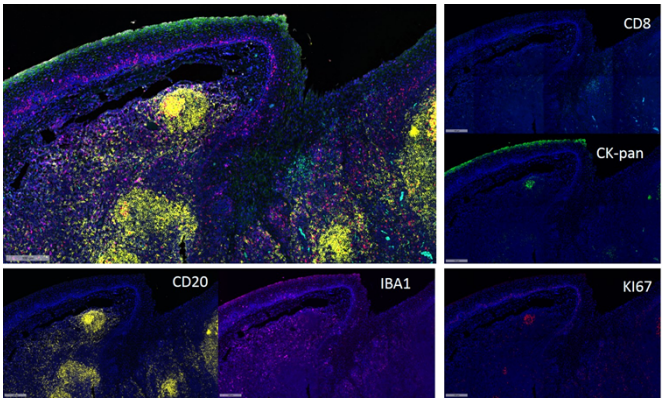
Various whole cell lysates were separated by 10% SDS-PAGEand the membrane was blotted with anti-Iba 1 (PTR1347)antibody, The HRP-conjugated Goat anti-Mouse IgG(H + L)antibody was used to detect the antibody. Lane 1: THP-1 Lane2: mouse liver Lane 3: rat brain Predicted band size: 17kDaObserved band size:17kDa



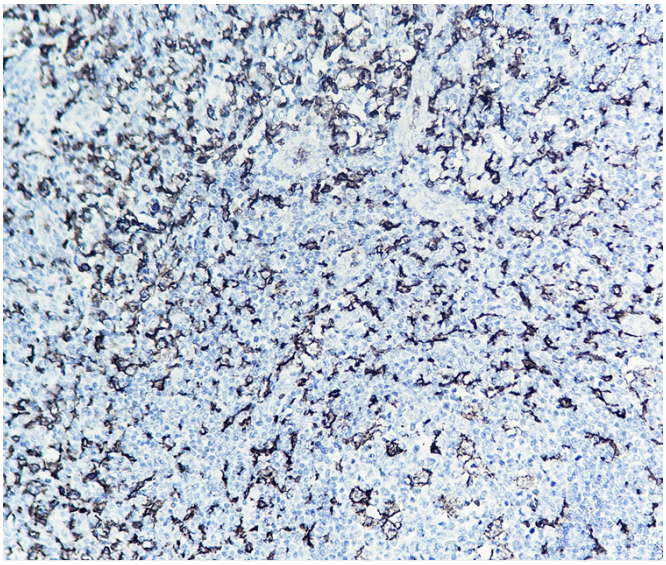
Human stomach tissue was stained with Anti-Iba 1 (PTR1347)Antibody



Fluorescence multipleximmunohistochemical analysis ofMouse brain tissue (formalin-fixed paraffin-embeddedsection).The immunostaining was performed by Sextuple-Fluorescence kit (Rs0039,Immunoway). GFAP mousemAb(YM4426 Immunoway) green, S100 mouse mAb(YM6987Immunoway)cyan,Neurofilament mouse mAb(YM6897Immunoway) purple,Iba 1 mouse mAb(YM4765 Immunoway)red,CD8 a mouse mAb(YM4815 Immunoway) yellow, Thesection was incubated in 5 rounds of staining; sequentially forAnti-antibodies; each using a separate fluorescent tyramidesignal amplification system. EDTA based antigen retrieval(Immunoway YS0004,pH 9.0,20 minutes) was used inbetween rounds of tyramide signal amplification to removethe antibody from the previous round, to avoid any crossreactivity, DAPI (dark blue) was used as a nuclear counterstain. Microscopy and pseudocoloring of individual dyes wasperformed using a Slideviewer Imaging System (Excilone).



Fluorescence multipleximmunohistochemical analysis ofHuman tonsil tissue (formalin-fixed paraffin-embeddedsection).The immunostaining was performed by PentupleFluorescence kit (Rs0038,Immunoway). CK-pan mousemAb(YM6815 Immunoway) green, Ki-67 rabbit mAb(YM7002Immunoway) red, Iba 1 mouse mAb(YM4765 Immunoway)purple,CD8 a mouse mAb(YM4815 Immunoway) cyan, CD20mouse mAb(YM4814 Immunoway) yellow, The section wasincubated in 5 rounds of staining; sequentially for Anti-antibodies: each using a separate fluorescent tyramide signalamplification system. EDTA based antigen retrieval(Immunoway YS0004, pH 9.0,20 minutes) was used inbetween rounds of tyramide signal amplification to removethe antibody from the previous round, to avoid any crossreactivity, DAPI (dark blue) was used as a nuclear counterstain. Microscopy and pseudocoloring of individual dyes wasperformed using a Slideviewer Imaging System (Excilone).



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