

Anti-Iba1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012790

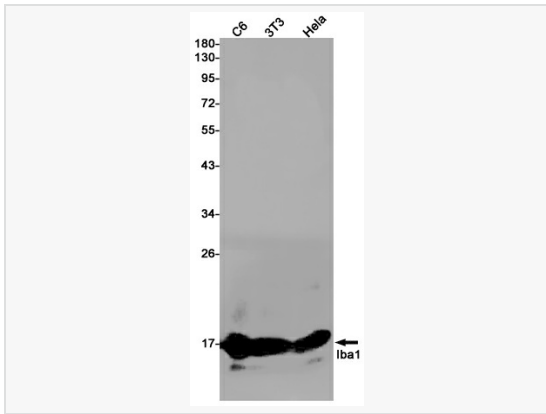
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	70K33K48
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of mouse Iba1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Iba1 antibody [70K33K48] is for research use only and not for use in diagnostic or therapeutic procedures.

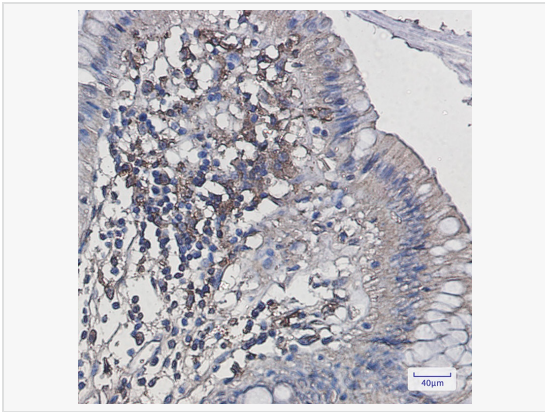
Protein Information

Synonyms	G1, Iba1, AIF-1, AI607846, D17H6S50E.
Calculated MW	Calculated MW: 17 kDa; Observed MW: 17 kDa
Uniprot ID	O70200
Gene ID	11629
Background	Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.

Validation Images



Western blot analysis of Iba1 in C6, 3T3, HeLa lysates using Iba1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Iba1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.