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anti-lba1 antibody (AA 1-147)





Overview

Quantity:	100 μL
Target:	Iba1 (IBA1)
Binding Specificity:	AA 1-147
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Iba1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)
Immunogen:	Recombinant Ionized Calcium-binding Adapter Molecule 1 (IBA1) corresdonding to Met1~Pro147 with N-terminal His Tag
Clone:	C5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IBA1. It has been selected for its ability to recognize IBA1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

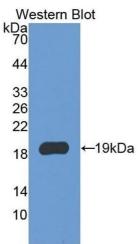
Target:	Iba1 (IBA1)
Alternative Name:	Ionized Calcium-binding Adapter Molecule 1 (IBA1 Products)
Background:	AIF1, IRT1, Daintain, Protein G1, Allograft Inflammatory Factor 1
Pathways:	Smooth Muscle Cell Migration

Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-20 μg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



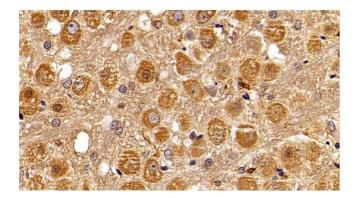
Western Blotting

Image 1. Detection of IBA1 in Rat Spleen lysate using Monoclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)



Western Blotting

Image 2. Detection of Recombinant AIF1, Rat using Monoclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)



Immunohistochemistry

Image 3. Detection of IBA1 in Rat Spinal cord Tissue using Monoclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)

Please check the product details page for more images. Overall 6 images are available for ABIN7427558.