MAC288Hu22

Monoclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: D1

Traits: Liquid

Concentration: 1mg/ml

UOM: 100μg(100μl)

Cross Reactivity: Porcine

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant IBA1 (Met1~Pro147) expressed in *E.coli*

Accession No.: RPC288Hu01

[APPLICATIONS]

Western blotting: 0.01-3μg/mL;

Immunohistochemistry: 5-30μg/mL;

Immunocytochemistry: 5-30μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

Stability Test: 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.

[IDENTIFICATION]

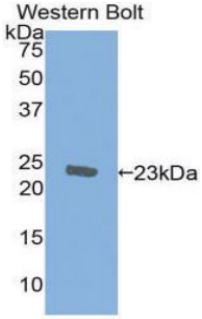
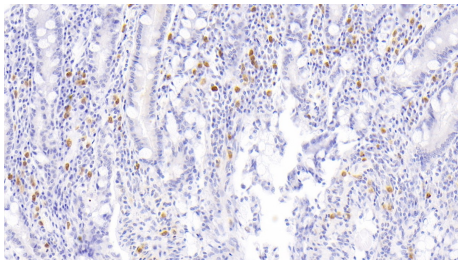


Figure. Western Blot; Sample: Recombinant AIF1, Human.



DAB staining on IHC-P; Samples: Human Small intestine Tissue; Primary Ab: 30?g/ml Mouse Anti-Human AIF1 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.