

**PAA548Ra01**

**Polyclonal Antibody to Intercellular Adhesion Molecule 1 (ICAM1)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

### [ **PROPERTIES** ]

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 100µL

**Cross Reactivity:** Human

**Applications:** WB; IHC; ICC; IP.

### [ **IMMUNOGEN** ]

**Immunogen:** Recombinant ICAM1 (Ser102~Arg306 (Accession # Q00238)) expressed in *E.coli*

**Accession No.:** RPA548Ra01

### [ **APPLICATIONS** ]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

### [ **FORMULATION** ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

### [ **STORAGE AND STABILITY** ]

**Storage:** Avoid repeated freeze/thaw cycles.

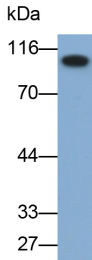
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

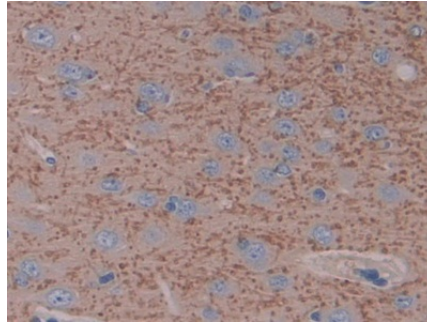
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

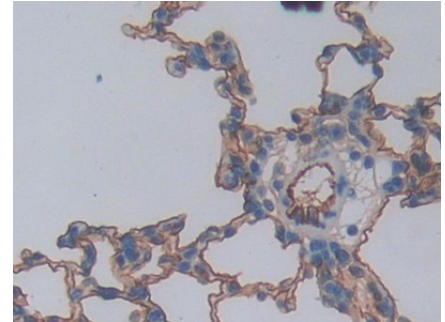
**[ IDENTIFICATION ]**



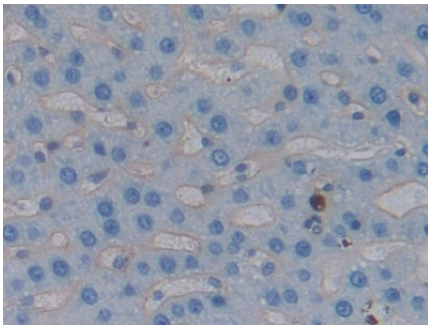
Western Blot; Sample: Rat Liver lysate  
 Primary Ab: 0.05µg/ml Rabbit Anti-Rat ICAM1 Antibody  
 Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



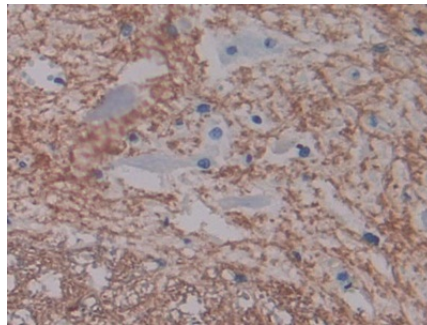
DAB staining on IHC-P; Samples: Rat Cerebrum Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat ICAM1 Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Rat Lung Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat ICAM1 Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Rat Liver Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat ICAM1 Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Rat Spinal cord Tissue; Primary Ab: 10µg/ml Rabbit Anti-Rat ICAM1 Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

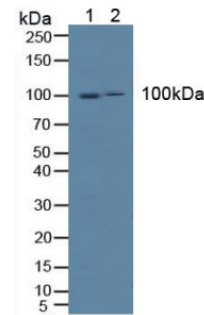
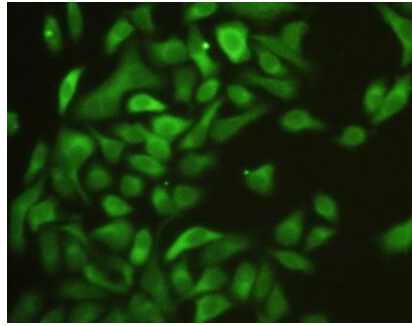
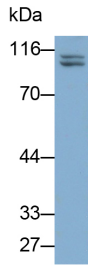


Figure. Western Blot; Sample: Lane1: Human Hela Cells; Lane2: Human K562 Cells.



Western Blot; Sample: K562 cell lysate

Primary Ab: 0.05µg/ml Rabbit Anti-Rat

ICAM1 Antibody

Second Ab: 0.2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

FITC staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-Rat

ICAM1 Antibody

Second Ab: 2µg/ml FITC-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb18)

**[ 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.