

A26426PM

Leader in Biomolecular Solutions for Life Science



# ICAM2/CD102 Rabbit PolymAb®

Catalog No.: A26426PM

## Basic Information

### Observed MW

50-60kDa

### Calculated MW

31kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Mouse

## Background

Predicted to enable integrin binding activity. Predicted to be involved in cell adhesion. Located in microvillus; plasma membrane; and uropod. Is integral component of plasma membrane. Is expressed in central nervous system; extraembryonic component; female reproductive system; retina; and vascular element. Orthologous to human ICAM2 (intercellular adhesion molecule 2).

## Recommended Dilutions

**WB** 1:1000 - 1:4000

**IHC-P** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

15896

### Swiss Prot

P35330

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-222 of mouse ICAM2/CD102 (NP\_034624.1).

### Synonyms

CD102; Ly-60; Icam-2

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

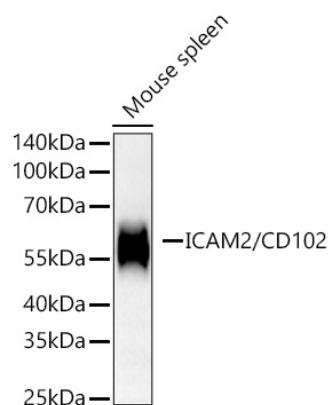
Affinity purification

### Storage

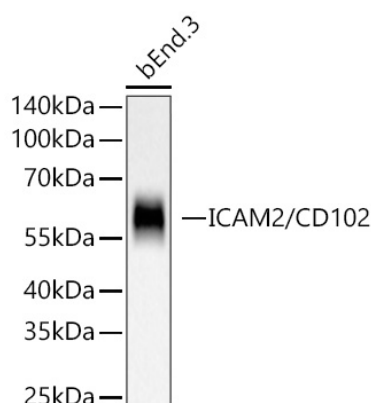
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

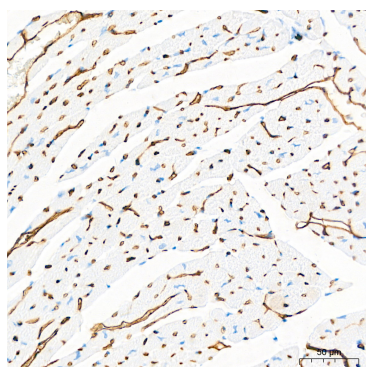
## Validation Data



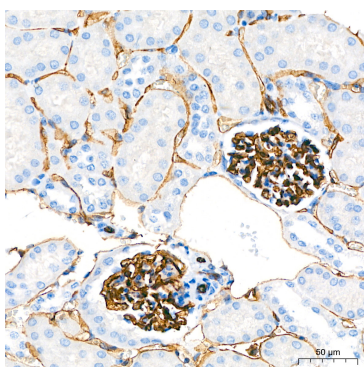
Western blot analysis of lysates from Mouse spleen using ICAM2/CD102 Rabbit PolymAb® (A26426PM) at 1:2000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



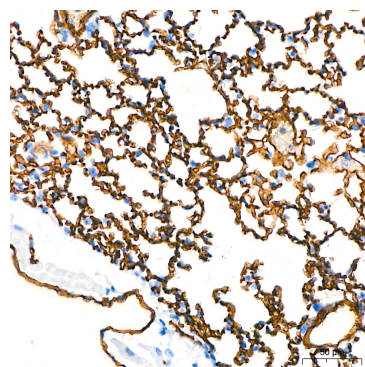
Western blot analysis of lysates from bEnd.3 cells using ICAM2/CD102 Rabbit PolymAb® (A26426PM) at 1:2000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 20s.



Immunohistochemistry analysis of paraffin-embedded Mouse heart tissue using ICAM2/CD102 Rabbit PolymAb® (A26426PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using ICAM2/CD102 Rabbit PolymAb® (A26426PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using ICAM2/CD102 Rabbit PolymAb® (A26426PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.