

# ICAM-1/CD54 Rabbit PolymAb®

Catalog No.: A22596 **1 Publications**

## Basic Information

### Observed MW

92kDa/100kDa

### Calculated MW

58kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes an integral membrane protein that binds leukocyte adhesion protein LFA-1. It participates in the innate immune response.

## Recommended Dilutions

**WB** 1:2000 - 1:10000

**IHC-P** 1:100 - 1:500

**IF/ICC** 1:100 - 1:500

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

## Immunogen Information

### Gene ID

15894/3383

### Swiss Prot

P13597/P05362

### Immunogen

Recombinant protein of human/mouse ICAM-1/CD54.

### Synonyms

MAL; CD54; Icam; Ly-4; Ly-47; Icam-1; MALA-2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

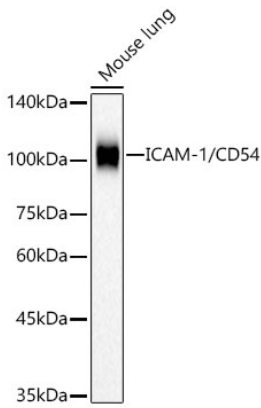
Affinity purification

### Storage

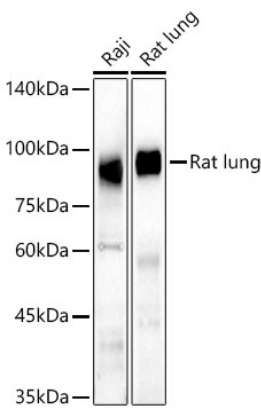
Store at -20°C. Avoid freeze / thaw cycles.

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

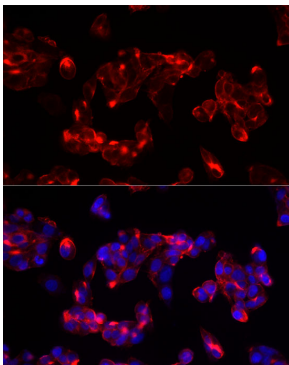
## Validation Data



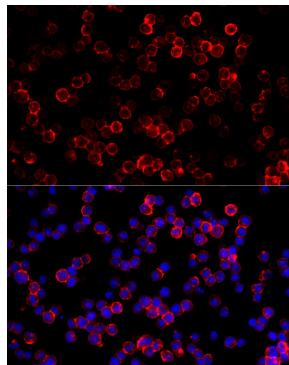
Western blot analysis of lysates from Mouse lung, using ICAM-1/CD54 Rabbit PolymAb® (A22596) at 1:10000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



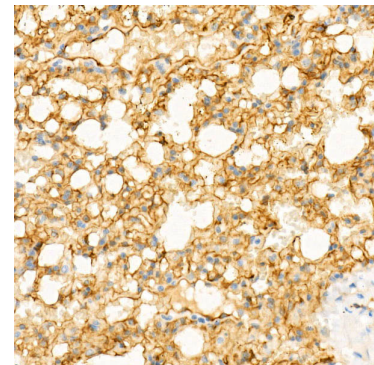
Western blot analysis of various lysates, using ICAM-1/CD54 Rabbit PolymAb® (A22596) at 1:10000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 120s.



Immunofluorescence analysis of HepG2 cells using ICAM-1/CD54 Rabbit PolymAb® (A22596) at dilution of 1:400 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Raji cells using ICAM-1/CD54 Rabbit PolymAb® (A22596) at dilution of 1:400 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using ICAM-1/CD54 Rabbit PolymAb® (A22596) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.