

# ICAM-1/CD54 Rabbit mAb

Catalog No.: A19300

Recombinant

3 Publications

## Basic Information

### Observed MW

89kDa/100kDa

### Calculated MW

58kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, FC

### Cross-Reactivity

Human

### CloneNo number

ARC0261

## Background

This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
FC	1:50 - 1:200

## Immunogen Information

### Gene ID

3383

### Swiss Prot

P05362

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ICAM-1/CD54 (P05362).

### Synonyms

BB2; CD54; P3.58; MALA2; MyD10; ICAM-1/CD54

## Contact

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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

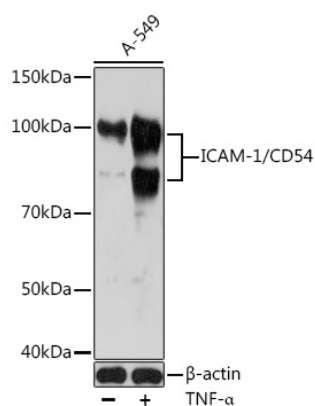
Affinity purification

### Storage

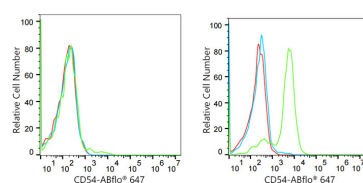
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

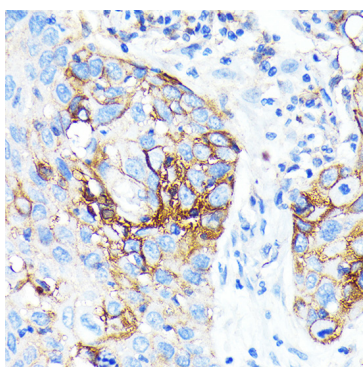
## Validation Data



Western blot analysis of lysates from A-549 cells, using ICAM-1/CD54 Rabbit mAb (A19300) at 1:1000 dilution. A-549 cells were treated by TNF- $\alpha$  (20 ng/mL) at 37°C for 30 minutes.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
 Lysates/proteins: 25 $\mu$ g per lane.  
 Blocking buffer: 3% BSA.  
 Detection: ECL Enhanced Kit (RM00021).  
 Exposure time: 3min.



Flow cytometry:  $1 \times 10^6$  293F cells (negative control, left) and Raji cells (right) were surface-stained with ICAM-1/CD54 Rabbit mAb (A19300, 10  $\mu$ g/mL, green line) or Rabbit IgG isotype control (AC042, 10  $\mu$ g/mL, blue line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb (1:600 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).



Immunohistochemistry analysis of ICAM-1/CD54 in paraffin-embedded Human lung cancer using ICAM-1/CD54 Rabbit mAb (A19300) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.