

# ICAM-1/CD54 Rabbit pAb

Catalog No.: A5597 **10 Publications**

## Basic Information

### Catalog No.

A5597

### Observed MW

89KDa/92KDa

### Calculated MW

57kDa

### Category

Primary antibody

### Applications

WB, IHC, IF

### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200
<b>IF</b>	1:50 - 1:200

## Contact

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

## 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.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
3383	P05362

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 250-480 of human ICAM-1/CD54 (NP\_000192.2).

### Synonyms

BB2;CD54;P3.58;ICAM1

## Product Information

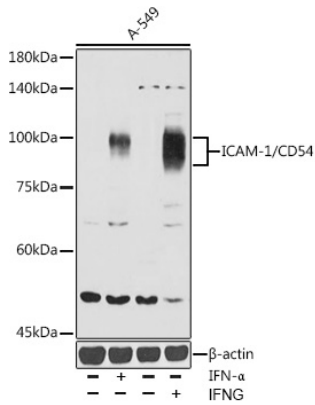
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

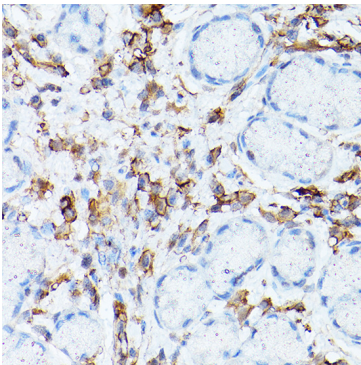
Store at -20°C. Avoid freeze / thaw cycles.

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

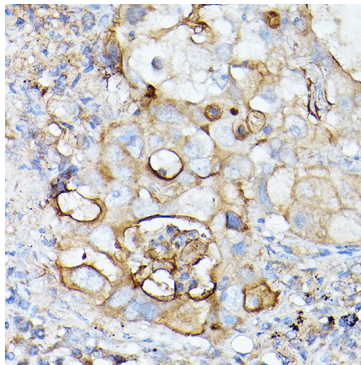
## Validation Data



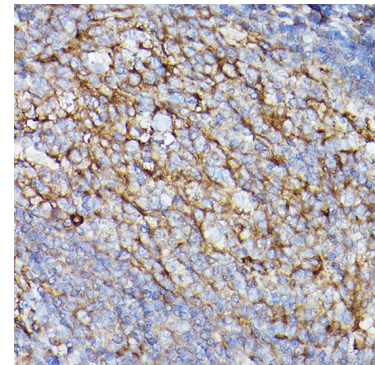
Western blot analysis of extracts of A-549 cells, using ICAM-1/CD54 antibody (A5597) at 1:1000 dilution. A-549 cells were treated by IFN- $\alpha$  (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. A-549 cells were treated by IFNG (100 ng/mL) at 37°C for 48 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



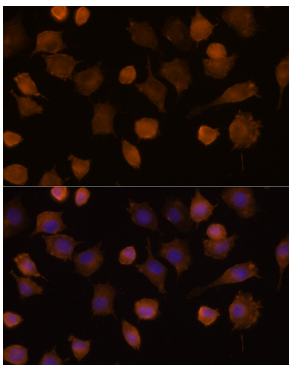
Immunohistochemistry of paraffin-embedded human gastric cancer using ICAM-1/CD54 Rabbit pAb (A5597) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using ICAM-1/CD54 Rabbit pAb (A5597) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human tonsil using ICAM-1/CD54 Rabbit pAb (A5597) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using ICAM-1/CD54 Rabbit pAb (A5597) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.