

# VCAM1 Rabbit pAb

Catalog No.: A0279 **22 Publications**

## Basic Information

### Observed MW

95-120kDa

### Calculated MW

81kDa

### Category

Primary antibody

### Applications

ELISA,WB,IF/ICC

### Cross-Reactivity

Human, Mouse

## Background

This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

7412

### Swiss Prot

P19320

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of human VCAM1 (NP\_001069.1).

### Synonyms

CD106; INCAM-100; VCAM1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

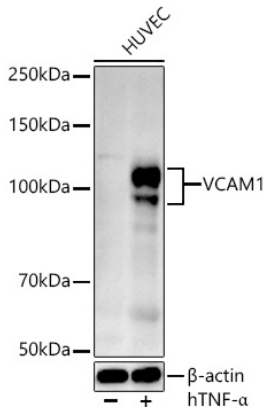
Affinity purification

### Storage

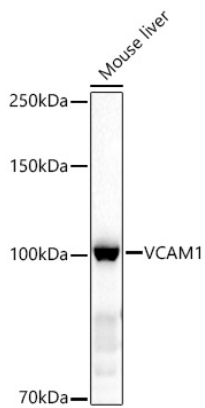
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from HUVEC cells, using VCAM1 Rabbit pAb (A0279) at 1:500 dilution. HUVEC cells were treated by Human Tumor Necrosis Factor- $\alpha$  (hTNF- $\alpha$ ) (10 ng/ml) for 16 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Western blot analysis of lysates from Mouse liver, using VCAM1 Rabbit pAb (A0279) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.