

## VCAM1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:3000

**Calculated MW:**81kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human VCAM1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

VCAM1 ; L1CAM; VCAM 1; V CAM 1; DKFZp779G2333; CD106

**Catalog #:**A0279

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**7412

**Isotype:**IgG

**Swiss Prot:**P19320

**Purity:**Affinity purification

For research use only.

**Background:**

Vascular cell adhesion protein 1 (VCAM1) is important in cell-cell recognition. It has been reported to function in leukocyte-endothelial cell adhesion, interact with the beta-1 integrin VLA4 on leukocytes, and mediate both adhesion and signal transduction. There are two isoforms; Isoform 1, a single-pass type I membrane protein, and isoform 2, a lipid-anchor (GPI-anchor). VCAM1 is expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue. It is also expressed in the bone marrow (1).

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