

VCAM1 Polyclonal Antibody

Catalog Number: E-AB-70284



Note: Centrifuge before opening to ensure complete recovery of vial contents.

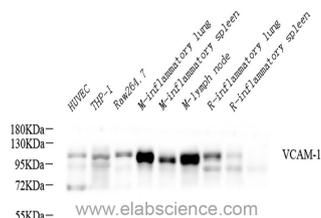
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein corresponding to Mouse VCAM-1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot analysis of various samples using VCAM1 Polyclonal Antibody at dilution of 1:600.

Observed MW:100-110kDa

Calculated Mw:100-110kDa

Preparation & Storage

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

Background

Vascular cell adhesion molecule 1 (VCAM1), also known as CD106, is a transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. VCAM1 is expressed by cytokine-activated endothelium, interacts with integrin VLA4 ($\alpha 4 \beta 1$) present on the surface of leukocytes, and mediates both adhesion and signal transduction. It is also expressed either constitutively or inducibly in a variety of other cell types, including vascular smooth muscle cells, differentiating skeletal muscle cells, renal and neural epithelial cells, macrophages (Kupffer cells), dendritic cells, and bone marrow stromal cells.

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