# **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

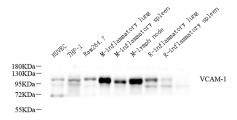
buffer Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein

protectant and 50% glycerol.

**Applications** Recommended Dilution

**WB** 1:500-1:2000

#### Data



Western Blot analysis of various samples using VCAM1

Polyclonal Antibody at dilution of 1:600.

Observed-MV:100-110 kDa Calculated-MV:100-110 kDa

#### Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

#### 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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