

A Reliable Research Partner in Life Science and Medicine

# VCAM-1/CD106 Polyclonal Antibody(Capture/Detector)

catalog number: AN000920P

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

### **Description**

Reactivity Mouse; Rat

**Immunogen** Recombinant Mouse VCAM-1/CD106 protein expressed by Mammalian

**Host** Rabbit Is otype Rabbit IgG

Purification Antigen Affinity Purification

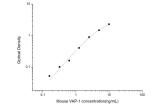
Conjugation Unconjugated

Buffer Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

#### **Recommended Dilution Applications**

2-8 μg/mL **ELISA Capture**  $0.1\text{-}0.4~\mu g/mL$ **ELISA Detector** 1:1000-1:2000 WB

### Data





Sandwich ELISA-Recombinant Mouse VCAM-1/CD106 protein standard curve. Background subtracted standard curve antibody at dilution of 1:1000. Lane 1: Mouse spleen tissue using VCAM-1/CD106 antibody(AN000920P)

(Capture), VCAM-1/CD106 antibody(AN000920P)(Detector) in sandwich ELISA. The reference range value for Recombinant Mouse VCAM-1/CD106 protein is 0.16-10 ng/mL.

Western blot with Anti VCAM-1/CD106 Polyclonal lysate, Lane 2: Rat spleen tissue lysate.

# **Preparation & Storage**

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

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

temperature recommended.

# Background

VCAM-1 (CD106), a member of the immunoglobulin superfamily, is a cell surface protein expressed by activated endothelial cells and certain leukocytes (such as macrophages). VCAM-1 expression is induced by IL-1 beta, IL-4, TNFalpha and IFN-gamma. VCAM-1 binds to leukocyte integrins VLA-4 and alpha 4 beta 7. The human and mouse VCAM-1 proteins share approximately 76% amino acid similarity.

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