

**VCAM1 polyclonal antibody**

Catalog: BS60303

Host: Rabbit

Reactivity: Human

**BackGround:**

The intracellular adhesion molecule-1 (ICAM-1), also referred to as CD54, is an integral membrane protein of the immunoglobulin superfamily and recognizes the B2 $\alpha$ 1 and B2 $\alpha$ M integrins. PECAM-1 (platelet/endothelial cell adhesion molecule-1), also referred to as CD31, is a glycoprotein expressed on the cell surfaces of monocytes, neutrophils, platelets and a subpopulation of T cells. VCAM-1 (vascular cell adhesion molecule-1) was first identified as an adhesion molecule induced on human endothelial cells by inflammatory cytokines such as IL-1, tumor necrosis factor (TNF) and lipopolysaccharide (LPS). The KALIG gene encodes a nerve cell adhesion molecule (NCAM) -like protein and is deleted in 66% of patients with Kallmann's syndrome, anosmia with secondary hypogonadism.

**Product:**

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

**Molecular Weight:**

~ 81 kDa

**Swiss-Prot:**

P19320

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

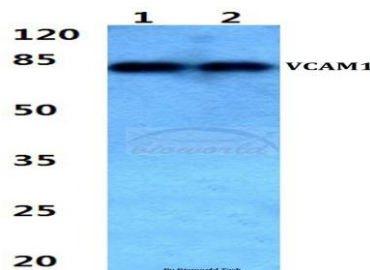
WB: 1:500~1:1000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

VCAM1 polyclonal antibody detects endogenous levels of VCAM1 protein.

**DATA:**

Western blot (WB) analysis of VCAM1 polyclonal antibody at 1:500 dilution

Lane1:A549 cell lysate

Lane2:MCF-7 cell lysate

**Note:**

For research use only, not for use in diagnostic procedure.

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