

For Research Use Only

VCAM-1/CD106 Recombinant antibody

Catalog Number: 84249-4-RR



Basic Information

Catalog Number:

84249-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001078.4

GeneID (NCBI):

7412

UNIPROT ID:

P19320-1

Full Name:

vascular cell adhesion molecule 1

Calculated MW:

81 kDa

Observed MW:

100 kDa

Purification Method:

Protein A purification

CloneNo.:

241284B2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : TNF alpha treated HUVEC cells,

Background Information

Vascular cell adhesion molecule 1 (VCAM1), also known as CD106, is a 110-kDa transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. VCAM1 is expressed by cytokine-activated endothelium, interacts with integrin VLA4 (α4β1) 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 (PMID: 7507076, 11359843).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

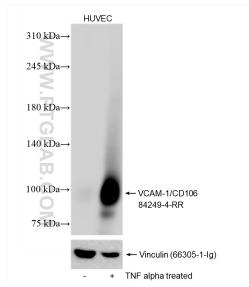
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



TNF alpha treated HUVEC cells were subjected to SDS PAGE followed by western blot with 84249-4-RR (VCAM-1/CD106 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.