

For Research Use Only

Anti-Human CD106 (1.G11B1)

Catalog Number: 65049-1-Ig



Basic Information

Catalog Number:

65049-1-Ig

Size:

100ug, 0.1 mg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC017276

GeneID (NCBI):

7412

Full Name:

vascular cell adhesion molecule 1

Calculated MW:

739 aa, 81 kDa

Purification Method:

Affinity purification

CloneNo.:

1.G11B1

Applications

Tested Applications:

FC

Species Specificity:

Human

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 ($\alpha 4\beta 1$) 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 (PMID: 7507076, 11359843).

Storage

Storage:

Store at 2-8°C.

Storage Buffer:

Borate buffered saline, pH 8.2.

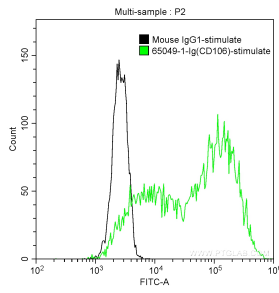
For technical support and original validation data for this product please contact:

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Selected Validation Data



1×10^6 TNF-alpha treated HUVEC cells were surface stained with 0.25 ug Anti-Human CD106 (65049-1-Ig, Clone: 1.G11B1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.25 ug mouse IgG1 isotype control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.