

PE Anti-Human CD106 (1.G11B1)

Catalog Number: PE-65049

Basic Information

Catalog Number: PE-65049	GenBank Accession Number: BC017276	Purification Method: Affinity purification
Size: 100tests , 10 µl/test	GeneID (NCBI): 7412	CloneNo.: 1.G11B1
Source: Mouse	Full Name: vascular cell adhesion molecule 1	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG1	Calculated MW: 739 aa, 81 kDa	

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 (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

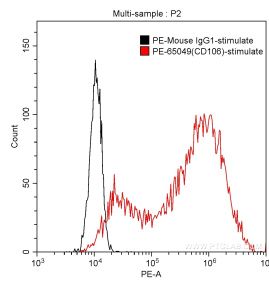
Storage:
Store at 2-8°C. Avoid exposure to light.

Storage Buffer:
PBS with 0.1% sodium azide and a stabilizer.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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



1X10⁶ TNF- α stimulated HUVEC cells were surface stained with 10 μ l PE Anti-Human CD106 (PE-65049, Clone:1.G11B1) (red) or PE-mouse IgG1 isotype control (black). Cells were not fixed.