

For Research Use Only

Anti-Human VCAM-1/CD106 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98079-1-PBS



Basic Information

Catalog Number:	98079-1-PBS	GenBank Accession Number:	NM_001078.4	Purification Method:	Protein A purification
Size:	1mg, 2mg/ml	GeneID (NCBI):	7412	CloneNo.:	241283G8
Source:	Rabbit	UNIPROT ID:	P19320-1		
Isotype:	IgG	Full Name:	vascular cell adhesion molecule 1		
		Calculated MW:	81kDa		

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

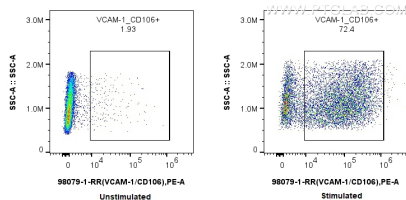
T: 4006900926

E: Proteintech-CN@ptglab.com

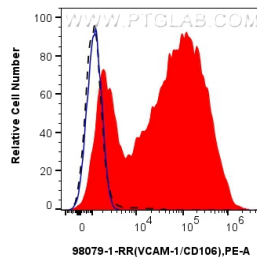
W: ptgcn.com

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Selected Validation Data



1x10⁶ TNF- α treated HUVEC cells were surface stained with 0.25 ug Anti-Human VCAM-1/CD106 Rabbit Recombinant Antibody (98079-1-RR, Clone:241283G8)(red), or 0.25 ug Isotype Control (blue), or 1x10⁶ untreated HUVEC cells were surface stained with 0.25 ug Anti-Human VCAM-1/CD106 Rabbit Recombinant Antibody (98079-1-RR, Clone:241283G8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(black). Cells were not fixed. This data was developed



1x10⁶ TNF- α treated HUVEC cells were surface stained with 0.25 ug Anti-Human VCAM-1/CD106 Rabbit Recombinant Antibody (98079-1-RR, Clone:241283G8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were not fixed. This data was developed using the same antibody clone with 98079-1-PBS in a different storage buffer formulation.