

For Research Use Only

FcZero-rAb® CoraLite® Plus 750 Anti-Mouse VCAM-1/CD106 Rabbit Recombinant Antibody

Catalog Number: CL750-FcA98059



Basic Information

Catalog Number: CL750-FcA98059	GenBank Accession Number: CAA47989.1	Purification Method: Protein A purification
Size: 100ug , 500 ug/ml	GeneID (NCBI): 22329	CloneNo.: 240597C2
Source: Rabbit	UNIPROT ID: P29533	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: vascular cell adhesion molecule 1	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: EG0639	Calculated MW: 81 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : mouse bone marrow cells,
Species Specificity: mouse	

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).

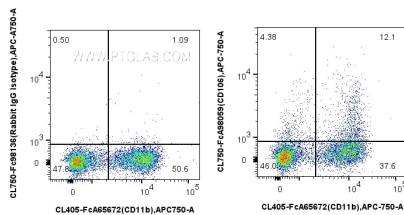
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

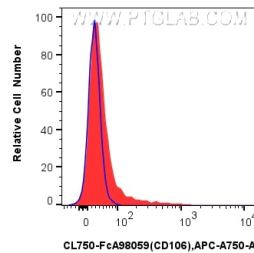
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FcZero-rAb® CoraLite® Plus 405 Anti-Mouse CD11b (M1/70) Rabbit Recombinant Antibody (CL405-FcA65672, Clone: M1/70), and 0.25ug CoraLite® Plus 750 Anti-Mouse VCAM-1/CD106 Rabbit RecAb (CL750-FcA98059, Clone: 240597C2) or FcZero-rAb® CoraLite® Plus 750 Rabbit IgG Isotype Control Recombinant Antibody (CL750-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25ug CoraLite® Plus 750 Anti-Mouse VCAM-1/CD106 Rabbit RecAb (CL750-FcA98059, Clone: 240597C2) (red) or FcZero-rAb® CoraLite® Plus 750 Rabbit IgG Isotype Control Recombinant Antibody (CL750-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.