

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD49b

Numéro de catalogue: PE-65065



Informations de base

Numéro de catalogue:

PE-65065

Taille:

100ug, 0.1 mg/ml

Hôte:

Rat

Isotype:

IgM

Numéro d'acquisition GenBank:

BC065139

Identification du gène (NCBI):

16398

Nom complet:

integrin alpha 2

Méthode de purification:

Purification par affinité

CloneNo.:

DX5

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

Informations générales

Integrins are a large family of α/β transmembrane receptors playing a key role in cell-cell interactions and cell adhesion to the extracellular matrix (PMID: 30374344). CD49b, also known as integrin alpha-2, is a 150 kDa transmembrane glycoprotein expressed on a wide variety of cell types including platelets, megakaryocytes, NK cells, NKT cells, neutrophils, and long-term activated T cells (PMID: 18802064; 2415516). Integrin alpha-2/beta-1 (also known as VLA-2) is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin (PMID: 2557634). It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized extracellular matrix.

Stockage

Stockage:

Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et un agent stabilisant.

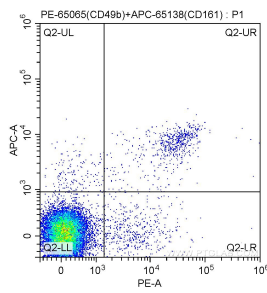
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

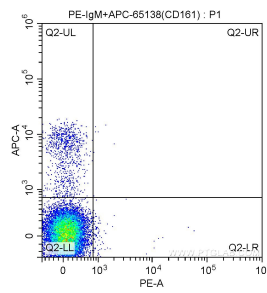
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse NK1.1 (CD161) (APC-65138, Clone: PK136) and 0.20 ug PE Anti-Mouse CD49b (PE-65065, Clone: DX5). Cells were not fixed.



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse NK1.1 (CD161) (APC-65138, Clone: PK136) and 0.20 ug PE-Rat IgM isotype control antibody. Cells were not fixed.