

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD49b

Numéro de catalogue: APC-65065

1 Publications



Informations de base

Numéro de catalogue:

APC-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:

650 nm / 660 nm

Applications

Applications testées:

FC

Demandes citées:

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 CLG gene expression, force generation and organization of newly synthesized extracellular matrix.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yuan Li	36251580	Liver Int	FC

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.

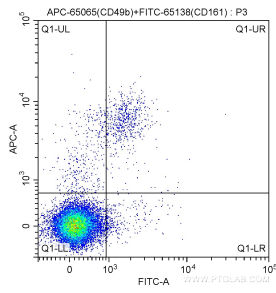
For technical support and original validation data for this product please contact:

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

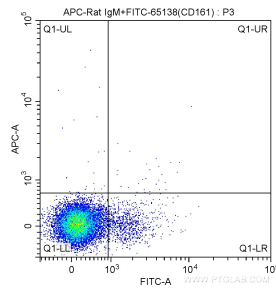
E: proteintech@ptglab.com
W: ptglab.com

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 FITC Anti-Mouse NK1.1 (CD161) (FITC-65138, Clone: PK136) and 0.20 ug APC Anti-Mouse CD49b (APC-65065, Clone: DX5). Cells were not fixed.



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