

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD49b

Numéro de catalogue: **CL647-65065**



## Informations de base

Numéro de catalogue:

CL647-65065

Taille:

100tests, 5 µl/test

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:

654 nm / 674 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

## Informations générales

Integrins are a large family of  $\alpha/\beta$  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.

## 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 BSA à 0,5 %, pH 7,3.

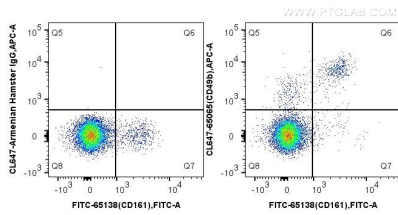
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## Données de validation sélectionnées



1X10<sup>6</sup> mouse splenocytes were surface stained with FITC Anti-Mouse NK1.1 (CD161) (PK136) (FITC-65138, Clone: PK136) and CoraLite® Plus 647-conjugated Rat IgM isotype control (left) or 5.00 ul CoraLite® Plus 647-conjugated Anti-Mouse CD49b (CL647-65065, Clone: DX5). Cells were not fixed.