

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD49b

Numéro de catalogue: 65065-1-Ig **1 Publications**



## Informations de base

Numéro de catalogue:

65065-1-Ig

Taille:

500ug, 0.5 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

## Applications

Applications testées:

FC

Demandes citées:

FC

Spécificité de l'espèce:

souris

Espèces citées:

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

## Publications notables

Autrice	Pubmed ID	Journal	Application
Wenxuan Xu	36134371	Nanoscale Adv	FC

## Stockage

Stockage:

Stocker à une température comprise entre 2 °C et 8 °C.

Tampon de stockage:

Solution saline tamponnée au borate, pH 8,2.

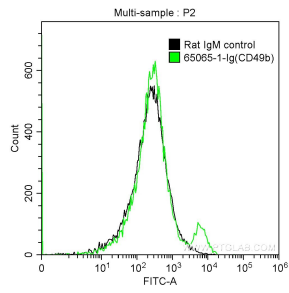
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## Données de validation sélectionnées



1X10<sup>6</sup> mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD49b (65065-1-Ig, Clone: DX5) and FITC anti-rat IgM Antibody at dilution 1:50 (green), or stained with 0.5 ug rat IgM isotype control and FITC anti-rat IgM Antibody at dilution 1:50 (black). Cells were not fixed.