

Nur für Forschungszwecke

CD49b Monoklonaler Antikörper

Katalog-Nr.: APC-65065

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: APC-65065	GenBank-Zugangsnummer: BC065139	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 0.1 mg/ml	GeneID (NCBI): 16398	CloneNo.: DX5
Wirt: Ratte	Vollständiger Name: integrin alpha 2	Anregungs-/Emissionsmaxima-Wellenlängen: 650 nm / 660 nm
Isotyp: IgM		

Anwendungen

Geprüfte Anwendungen:
FC

In Publikationen genannte Anwendungen:
FC

Getestete Reaktivität:
Maus

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuan Li	36251580	Liver Int	FC

Lagerung

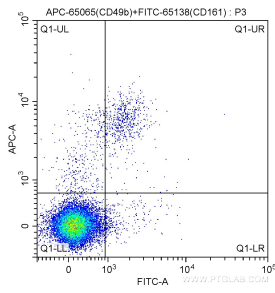
Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.

Lagerungspuffer:
PBS mit 0,1% Natriumazid und einem Stabilisator.

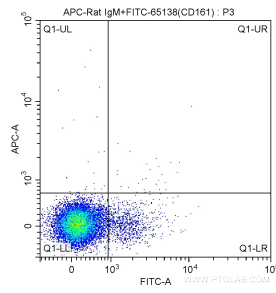
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Ausgewählte Validierungsdaten



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.