

Nur für Forschungszwecke

CD49b Monoklonaler Antikörper

Katalog-Nr.:PE-65065



Allgemeine Informationen

Katalog-Nr.: PE-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: 496 nm, 565 nm / 578 nm
Isotyp: IgM		

Anwendungen

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

Lagerung

Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.
Lagerungspuffer:
PBS mit 0,1% Natriumazid und einem Stabilisator.

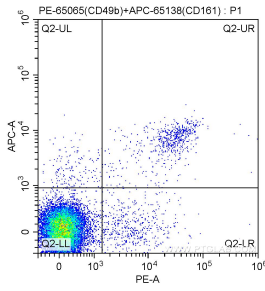
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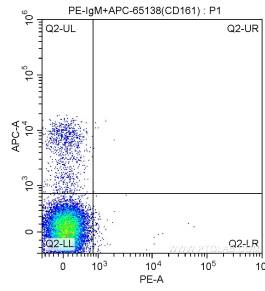
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



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.