

Nur für Forschungszwecke

CD49b Monoklonaler Antikörper

Katalog-Nr.:65065-1-Ig **1 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 65065-1-Ig	GenBank-Zugangsnummer: BC065139	Reinigungsmethode: Affinitätsreinigung
Größe: 500ug, 0.5 mg/ml	GeneID (NCBI): 16398	CloneNo.: DX5
Wirt: Ratte	Vollständiger Name: integrin alpha 2	
Isotyp: IgM		

Anwendungen

Geprüfte Anwendungen:
FC

In Publikationen genannte Anwendungen:
FC

Getestete Reaktivität:
Maus

Zitierte Arten:
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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wenxuan Xu	36134371	Nanoscale Adv	FC

Lagerung

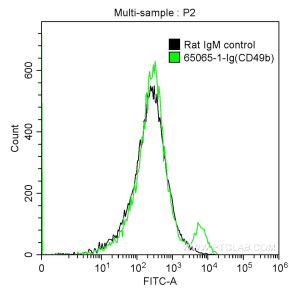
Lagerungsbedingungen:
Bei 2-8°C lagern.

Lagerungspuffer:
Borat-gepufferte Kochsalzlösung, pH 8,2.

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
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Ausgewählte Validierungsdaten



1X10⁶ 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.