

Nur für Forschungszwecke

CD49b Monoklonaler Antikörper

Katalog-Nr.: FITC-65065



Allgemeine Informationen

Katalog-Nr.:

FITC-65065

Größe:

500 µg, 0.5 mg/ml

Wirt:

Ratte

Isotyp:

IgM

GenBank-Zugangsnummer:

BC065139

GeneID (NCBI):

16398

Vollständiger Name:

integrin alpha 2

Reinigungsmethode:

Affinitätsreinigung

CloneNo.:

DX5

Anregungs-/Emissionsmaxima-
Wellenlängen:

494 nm / 520 nm

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 CLG 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.

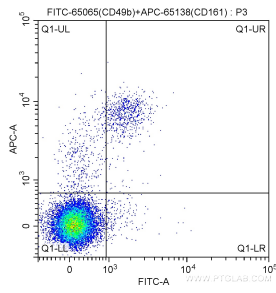
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

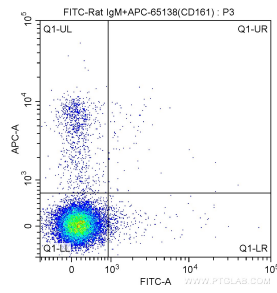
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse NK1.1 (CD161) (APC-65138, Clone: PK136) and 1.00 ug FITC Anti-Mouse CD49b (FITC-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 1.00 ug FITC-Rat IgM isotype control antibody. Cells were not fixed.