CD49b Monoklonaler Antikörper

Katalog-Nr.:CL594-65065

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
CL594-65065

Größe:
100tests , 5 µl/test

Wirt:
Ratte

Isotyp:
IgM, kappa

GenBank-Zugangsnummer:
BC065139

GeneID (NCBI):
16398

Vollständiger Name:
integrin alpha 2

Reinigungsmethode:
Affinitätsreinigung

CloneNo.:
DX5

Anregungs-/Emissionsmaxima-Wellenlängen:
588 nm / 604 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 collagenase gene expression, force generation and organization of newly synthesized extracellular matrix.

Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Lagerungspuffer:
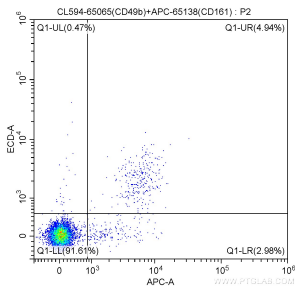PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

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

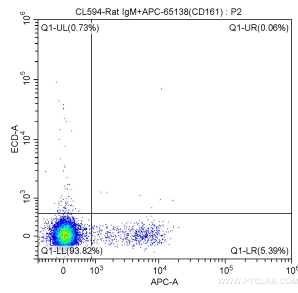T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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

1X10^6 C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse NK1.1 (CD161) (APC-65138, Clone: PK136) and 5.00 ul CoraLite®594-conjugated Anti-Mouse CD49b (CL594-65065, Clone: DX5). Cells were not fixed.

1X10^6 C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse NK1.1 (CD161) (APC-65138, Clone: PK136) and CoraLite®594-conjugated Rat IgM isotype control antibody. Cells were not fixed.