

Nur für Forschungszwecke

CD38 Monoklonaler Antikörper

Katalog-Nr.:65107-1-Ig



Allgemeine Informationen

Katalog-Nr.: 65107-1-Ig	GenBank-Zugangsnummer: BC007964	Reinigungsmethode: Affinitätsreinigung
Größe: 100µg , 500 µg/ml	GeneID (NCBI): 952	CloneNo.: HB7
Wirt: Maus	Vollständiger Name: CD38 molecule	
Isotyp: IgG1, kappa	Berechnete Masse: 300 aa, 34 kDa	

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Human

Hintergrundinformationen

CD38, also known as ADP-ribosyl cyclase 1, is a type II transmembrane glycoprotein with a short N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites (PMID: 2319135). The extracellular domain of CD38 has bifunctional enzyme activities that catalyze synthesis of cyclic ADP ribose from nicotinamide adenine dinucleotide (NAD) and hydrolysis of cyclic ADP ribose to adenosine diphosphoribose (PMID: 10636863). CD38 is expressed on a variety of hematopoietic and non-hematopoietic cells and is involved in diverse processes such as generation of calcium-mobilizing metabolites, cell activation, and chemotaxis (PMID: 25938500).

Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Stable for one year after shipment.

Lagerungspuffer:
PBS mit 0,1% Natriumazid, pH 7,3.

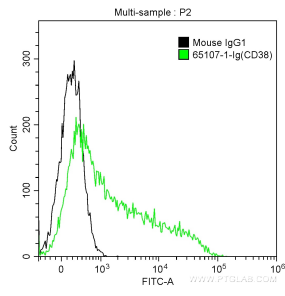
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



1X10⁶ human peripheral blood lymphocytes were surface stained with 0.5 ug Anti-Human CD38 (65107-1-Ig, Clone:HB7) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.5 ug mouse IgG1 isotype control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.