

Nur für Forschungszwecke

CD38 Monoklonaler Antikörper

Katalog-Nr.:CL488-65111



Allgemeine Informationen

Katalog-Nr.: CL488-65111	GenBank-Zugangsnummer: BC007964	Reinigungsmethode: Affinitätsreinigung
Größe: 100tests , 5 µl/test	GeneID (NCBI): 952	CloneNo.: HIT2
Wirt: Maus	Vollständiger Name: CD38 molecule	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Isotyp: Mouse 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:
Bei 2-8°C lagern. Vor Licht schützen.

Lagerungspuffer:
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

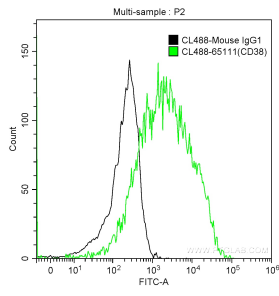
For technical support and original validation data for this product please contact:

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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 5 ul CoraLite® Plus 488-conjugated Anti-Human CD38 (CL488-65111, Clone: HIT2) (green) or isotype control antibody (black). Cells were not fixed.