

Nur für Forschungszwecke

CD38 Monoklonaler Antikörper

Katalog-Nr.:CL488-65107



Allgemeine Informationen

Katalog-Nr.:

CL488-65107

Größe:

100tests , 5 µl/test

Wirt:

Maus

Isotyp:

IgG1, kappa

GenBank-Zugangsnummer:

BC007964

GeneID (NCBI):

952

Vollständiger Name:

CD38 molecule

Berechnete Masse:

300 aa, 34 kDa

Reinigungsmethode:

Affinitätsreinigung

CloneNo.:

HB7

Empfohlene Verdünnungen:

IF 1:200-1:800

Anregungs-/Emissionsmaxima-

Wellenlängen:

493 nm / 522 nm

Anwendungen

Geprüfte Anwendungen:

FC, IF

Getestete Reaktivität:

Human

Positivkontrollen:

IF : humane mononukleäre Zellen aus peripherem Blut,

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. Avoid exposure to light. Stable for one year after shipment.

Lagerungspuffer:

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

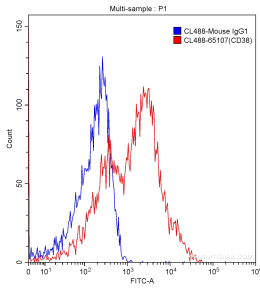
For technical support and original validation data for this product please contact:

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

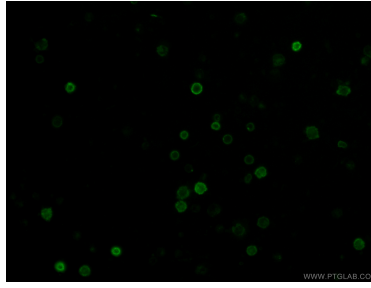
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



100 ul human peripheral blood were surface stained 5.00 ul/test CoraLite® Plus 488-conjugated Anti-Human CD38 (CL488-65107, Clone:HB7) (red) or isotype control antibody (blue). Lymphocytes were gated for analysis. Cells were not fixed.



Immunofluorescent analysis of human peripheral blood mononuclear cells (PBMCs) using CoraLite® Plus 488-conjugated Anti-Human CD38 (CL488-65107, Clone:HB7) at dilution of 1:400.