

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD38

Numéro de catalogue: 65107-1-Ig



## Informations de base

Numéro de catalogue:	65107-1-Ig	Numéro d'acquisition GenBank:	BC007964	Méthode de purification:	Purification par affinité
Taille:	100ug, 500 µg/ml	Identification du gène (NCBI):	952	CloneNo.:	HB7
Hôte:	Mouse	Nom complet:	CD38 molécule		
Isotype:	IgG1, kappa	MW calculé:	300 aa, 34 kDa		

## Applications

Applications testées:  
FC

Spécificité de l'espèce:  
Humain

## Informations générales

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).

## Stockage

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

Tampon de stockage:  
PBS avec azoture de sodium à 0,1 %, pH 7,3.

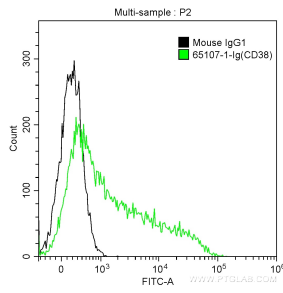
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Données de validation sélectionnées



1X10<sup>6</sup> 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.