

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD38

Numéro de catalogue: FITC-65111

1 Publications



## Informations de base

Numéro de catalogue:

FITC-65111

Taille:

100 tests, 5 µl/test

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC007964

Identification du gène (NCBI):

952

Nom complet:

CD38 molecule

MW calculé

300 aa, 34 kDa

Méthode de purification:

Purification par affinité

CloneNo.:

HIT2

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

## 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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Haoyu Liu	35662693	Front Pharmacol	

## Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS with 0.09% sodium azide.

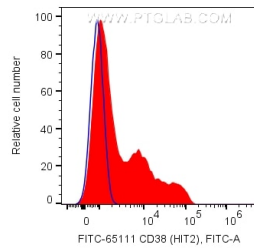
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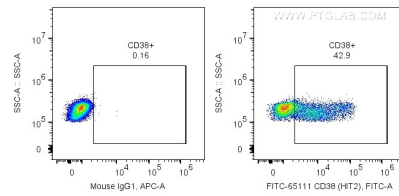
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Données de validation sélectionnées



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul FITC Anti-Human CD38 (FITC-65111, Clone: HIT2) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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