

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD38

Numéro de catalogue: CL594-65059



## Informations de base

Numéro de catalogue:

CL594-65059

Taille:

100tests , 5 µl/test

Hôte:

Rat

Isotype:

IgG2a

Numéro d'acquisition GenBank:

BC046312

Identification du gène (NCBI):

12494

Nom complet:

CD38 antigen

Méthode de purification:

Purification par affinité

CloneNo.:

90

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

## 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:

Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

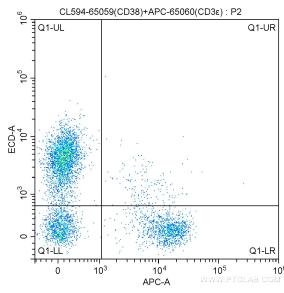
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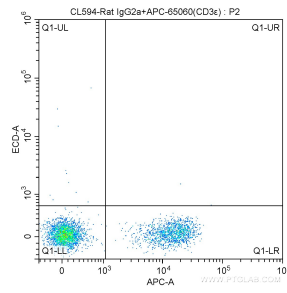
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Données de validation sélectionnées



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD3 $\epsilon$  (APC-65060, Clone: 145-2C11) and 5.00  $\mu$ l CoraLite<sup>®</sup>594-conjugated Anti-Mouse CD38 (CL594-65059, Clone: 90). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD3 $\epsilon$  (APC-65060, Clone: 145-2C11) and CoraLite<sup>®</sup>594-conjugated Rat IgG2a isotype control antibody. Cells were not fixed.