

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD38

Numéro de catalogue: 60006-1-Ig

Phare

6 Publications



Informations de base

Numéro de catalogue:

60006-1-Ig

Numéro d'acquisition GenBank:

BC007964

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 880 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

952

CloneNo.:

3C6G4

Hôte:

Mouse

Nom complet:

CD38 molecule

Dilutions recommandées:

WB 1:500-1:2000

IF 1:10-1:100

Isotype:

IgG1

MW calculé

300 aa, 34 kDa

MW observés:

45 kDa

Immunogen Catalog Number:

AG0487

Applications

Applications testées:

FC, IF, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules Jurkat, cellules Raji

IF : cellules NIH/3T3,

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 |
|----------------|-----------|-----------|-------------|
| Teresa W-M Fan | 36150727 | J Immunol | |
| Yun Wang | 32460411 | Glia | WB |
| Huiwen Zheng | 35594870 | Cell Rep | IF |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

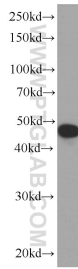
For technical support and original validation data for this product please contact:

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

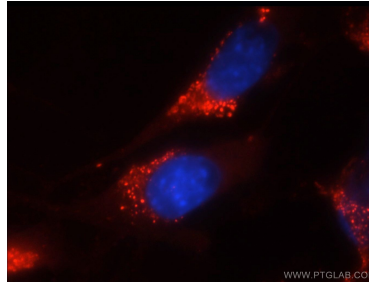
E: proteintech@ptglab.com
W: ptglab.com

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

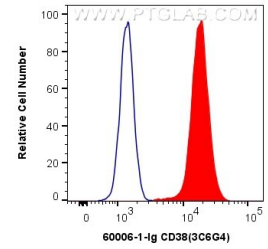
Données de validation sélectionnées



Jurkat cells were subjected to SDS PAGE followed by western blot with 60006-1-Ig (CD38 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of NIH/3T3 cells using 60006-1-Ig (CD38 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Mouse IgG.



1X10⁶ Daudi cells were intracellularly stained with 0.4 ug Anti-Human CD38 (60006-1-Ig, Clone:3C6G4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm