

À des fins de recherche uniquement

Anticorps Monoclonal anti- CD39/ENTPD1



Numéro de catalogue: **CL488-60323**

Informations de base

Numéro de catalogue: CL488-60323	Numéro d'acquisition GenBank: BC047664	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 953	CloneNo.: 2D2H6
Hôte: Mouse	Nom complet: ectonucleoside triphosphate diphosphohydrolase 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	MW calculé 58 kDa	
Immunogen Catalog Number: AG6165	MW observés: 54 kDa	

Applications

Applications testées:
FC (Intra)
Spécificité de l'espèce:
Humain

Informations générales

ENTPD1(Ectonucleoside triphosphate diphosphohydrolase 1) is also named as CD39, NTPDase 1, Ecto-ATPDase 1 and belongs to the GDA1/CD39 NTPase family. In the nervous system, it can hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. It is a noncovalent tetrameric protein and that detergent inhibition of enzymatic activity is caused by dissociation of ectoapyrase tetramers into monomers (PMID: 9733785). And it is a 70- to 100-kDa protein that is heavily N-glycosylated (PMID: 7930580). This protein has 6 glycosylation sites and 3 isoforms (58 kDa, 59 kDa and 34 kDa) produced by alternative splicing. The soluble isoform of CD39 (38-478 amino acid) locates to the extracellular part and 60323-1-Ig can recognize the soluble form of CD39 (38-478aa) molecule.

Stockage

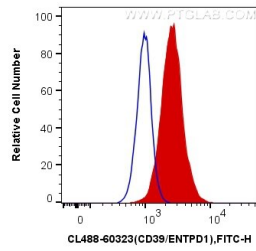
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

Données de validation sélectionnées



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CD39/ENTPD1 (CL488-60323, Clone:2D2H6) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).