

À des fins de recherche uniquement

Anticorps Monoclonal anti-NT5E,CD73



Numéro de catalogue: 67789-1-Ig **Phare**

Informations de base

Numéro de catalogue: 67789-1-Ig	Numéro d'acquisition GenBank: BC015940	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4907	CloneNo.: 1G5G8
Hôte: Mouse	Nom complet: 5'-nucleotidase, ecto (CD73)	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:500-1:2000 IF 1:50-1:500
Isotype: IgG1	MW calculé: 29 kDa, 63 kDa	
Immunogen Catalog Number: AG30616	MW observés: 60-70 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A549, cellules HepG2, cellules HT-29, cellules MG U-87

IHC : tissu d'amygdalite humain,

IF : tissu d'amygdalite humain,

Informations générales

CD73, also known as ecto-5'-nucleotidase (5'-NT), is a 70-kDa, glycosyl-phosphatidylinositol-linked membrane-bound glycoprotein found in most tissues (PMID: 18404475; 20179192). CD73 is an ectoenzyme that catalyzes the dephosphorylation of AMP and other nucleoside monophosphates (PMID: 9553767). In the human immune system, CD73 is expressed on subsets of T and B cells, on germinal center follicular dendritic cells, and on thymic medullary reticular fibroblasts and epithelial cells (PMID: 2137649; 9553767). CD73 is highly expressed in many human solid tumors and is closely involved in cancer progression (PMID: 20179192).

Stockage

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Stocker à -20 °C

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.

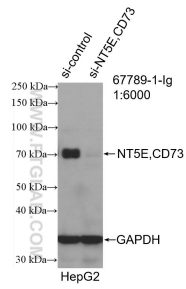
For technical support and original validation data for this product please contact:

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

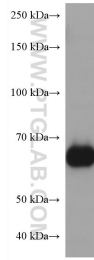
E: proteintech@ptglab.com
W: ptglab.com

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

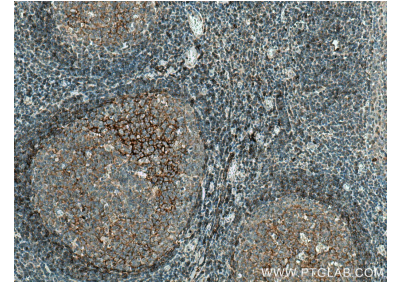
Données de validation sélectionnées



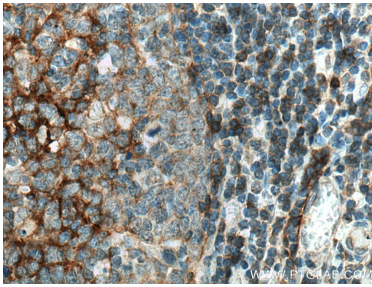
WB result of NT5E,CD73 antibody (67789-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NT5E,CD73 transfected HepG2 cells.



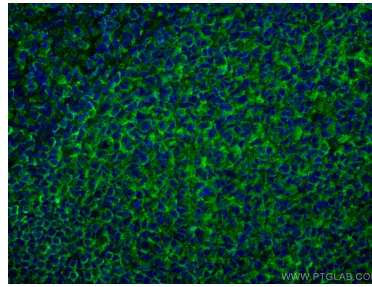
A549 cells were subjected to SDS PAGE followed by western blot with 67789-1-Ig (NT5E,CD73 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67789-1-Ig (NT5E,CD73 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67789-1-Ig (NT5E,CD73 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using NT5E,CD73 antibody (67789-1-Ig, Clone: 1G5G8) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).