

Nur für Forschungszwecke

NT5E,CD73 Monoklonaler Antikörper



Katalog-Nr.:67789-1-Ig

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: 67789-1-Ig	GenBank-Zugangsnummer: BC015940	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von4907 Nanodrop;	GeneID (NCBI): 5'-nucleotidase, ecto (CD73)	CloneNo.: 1G5G8
Wirt: Maus	Vollständiger Name: 5'-nucleotidase, ecto (CD73)	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:500-1:2000 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 29 kDa, 63 kDa	
Immunogen Katalognummer: AG30616	Beobachtete Masse: 60-70 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IHC : humanes Tonsillitisgewebe,

IF : humanes Tonsillitisgewebe,

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

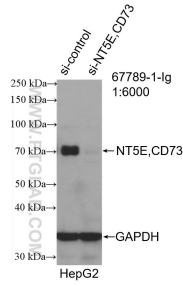
For technical support and original validation data for this product please contact:

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

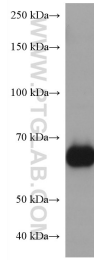
E: proteintech@ptglab.com
W: ptglab.com

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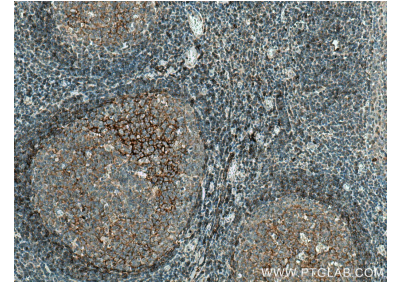
Ausgewählte Validierungsdaten



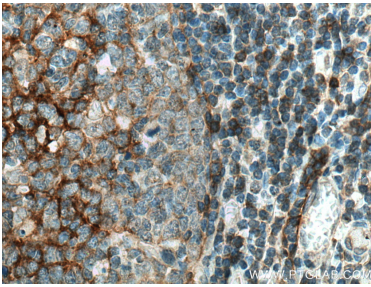
WB result of NT5E,CD73 antibody (67789-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NT5E,CD73 transfected HepG2 cells.



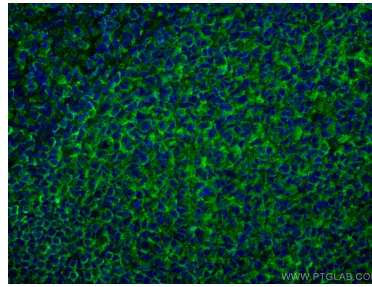
A549 cells were subjected to SDS PAGE followed by western blot with 67789-1-Ig (NT5E,CD73 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).