

Rabbit anti-Human CD73 Monoclonal Antibody | anti-CD73 antibody

CD73 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312461	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CD73; Monoclonal Antibody; CD73 Antibody; 5' NT antibody; 5' nucleotidase (CD73) antibody; 5' nucleotidase precursor antibody; 5' nucleotidase; ecto antibody; ecto (CD73) antibody; 5'-NT antibody; 5'-nucleotidase antibody; 5NTD_HUMAN antibody; CD73 antibody; CD73 antigen antibody; E5NT antibody; Ecto 5' nucleotidase antibody; Ecto-5'-nucleotidase antibody; eN antibody; eNT antibody; NT antibody; NT5 antibody; NT5E antibody; NTE antibody; Purine 5 Prime Nucleotidase antibody; anti-CD73 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JM11-40
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD73 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



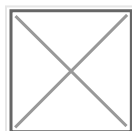
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-CD73 antibody. Counter stained with hematoxylin.



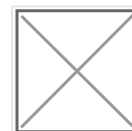
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-CD73 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD73 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CD73 on A431 cells lysates using anti-CD73 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD73 antibody	CD73 (also designated ecto-5'-nucleotidase, E5NT, NT, NT5, NTE, eN and eNT) is a glycosyl-phosphatidylinositol (GPI)-anchored adhesion protein that catalyzes the dephosphorylation of extracellular purine and pyrimidine nucleotides to their corresponding bioactive nucleosides. CD73 is a dimer of two identical subunits that depends on GPI to link with the external face of the plasma membrane. Similar to other GPI-anchored proteins, CD73 mediates co-stimulatory signals in T cell activation. CD73 has few structural variants, yet elicits diverse biological function through differential regulation in endothelial cells (EC), subpopulations of B and T cells, germinal center follicular dendritic cells and on thymic medullary reticular fibroblasts. For example, IgG mediated neutralization of CD73 interferes with lymphocyte adhesion to EC, and blocks aggregation of germinal center B cells and follicular dendritic cells. Furthermore, IgG-mediated targeting of lymphocyte CD73, but not of endothelial cell CD73, causes shedding of CD73 and tyrosine phosphorylation of proteins.
Product Categories/Family for anti-CD73 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	112825
NCBI GeneID	4907
UniProt Accession #	P21589; O75520; Q5W116; B3KQI8
Molecular Weight	574
NCBI Official Full Name	5'-nucleotidase
NCBI Official Synonym Full Names	5'-nucleotidase, ecto (CD73)
NCBI Official Symbol	NT5E
NCBI Official Synonym Symbols	NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA
NCBI Protein Information	5'-nucleotidase; 5'-NT; ecto-5'-nucleotidase; Purine 5-Prime-Nucleotidase
UniProt Protein Name	5'-nucleotidase
UniProt Gene Name	NT5E
UniProt Synonym Gene Names	NT5; NTE; 5'-NT
UniProt Entry Name	5NTD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd73-antibody-clone-jm11-40-immunohistochemistry-western-blot-elisa/312461>