

CD73 Antibody
Rabbit mAb
Catalog # AP91243

Specification

CD73 Antibody - Product Information

Application	WB, IHC
Primary Accession	P21589
Clonality	Monoclonal
Other Names	
5' nucleotidase (CD73); 5' nucleotidase precursor; 5' nucleotidase; ecto; 5NTD; CD73; CD73 antigen; E5NT; Ecto 5' nucleotidase; Ecto-5'-nucleotidase; NT5E; NTE;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	63368 Da

CD73 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD73
Description	Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

CD73 Antibody - Protein Information

Name NT5E

Synonyms NT5, NTE

Function

Catalyzes the hydrolysis of nucleotide monophosphates, releasing inorganic phosphate and the corresponding nucleoside, with AMP being the preferred substrate (PubMed: [21933152](http://www.uniprot.org/citations/21933152), PubMed: [22997138](http://www.uniprot.org/citations/22997138), PubMed: [23142347](http://www.uniprot.org/citations/23142347), PubMed: [24887587](http://www.uniprot.org/citations/24887587), PubMed: [34403084](http://www.uniprot.org/citations/34403084)). Shows a preference for ribonucleotide monophosphates over their equivalent deoxyribose forms (PubMed: [34403084](http://www.uniprot.org/citations/34403084)). Other substrates include IMP, UMP, GMP, CMP, dAMP, dCMP, dTMP, NAD and NMN (PubMed: [21933152](http://www.uniprot.org/citations/21933152), PubMed: [22997138](http://www.uniprot.org/citations/22997138), PubMed: [21933152](http://www.uniprot.org/citations/21933152), PubMed: [22997138](http://www.uniprot.org/citations/22997138), PubMed: [21933152](http://www.uniprot.org/citations/21933152), PubMed: [22997138](http://www.uniprot.org/citations/22997138)).

<http://www.uniprot.org/citations/23142347> target="_blank">23142347, PubMed:24887587, PubMed:34403084).

Cellular Location

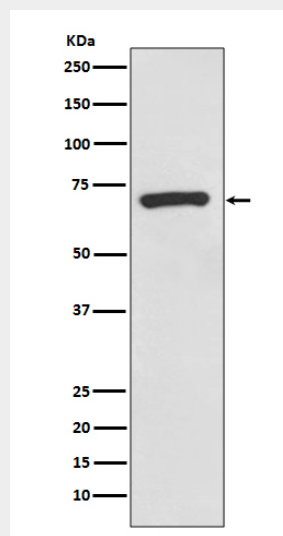
Cell membrane; Lipid-anchor, GPI-anchor

CD73 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD73 Antibody - Images



Western blot analysis of CD73 expression in A375 cell lysate.