

**CD73 Antibody**  
**Rabbit mAb**  
**Catalog # AP91243**

## Specification

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### CD73 Antibody - Product Information

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P21589</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
5' nucleotidase (CD73); 5' nucleotidase precursor; 5' nucleotidase; ecto; 5NTD; CD73; CD73 antigen; E5NT; Ecto 5' nucleotidase; Ecto-5'-nucleotidase; NT5E; NTE;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>63368 Da</b>

### CD73 Antibody - Additional Information

Dilution	<b>WB~~1:1000</b> <b>IHC~~1:100~500</b>
Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human CD73</b>
Description	<b>Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.</b>
Storage Condition and Buffer	<b>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.</b>

### 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:<a href="http://www.uniprot.org/citations/21933152" target="\_blank">21933152</a>, PubMed:<a href="http://www.uniprot.org/citations/22997138" target="\_blank">22997138</a>, PubMed:<a href="http://www.uniprot.org/citations/23142347" target="\_blank">23142347</a>, PubMed:<a href="http://www.uniprot.org/citations/24887587" target="\_blank">24887587</a>, PubMed:<a href="http://www.uniprot.org/citations/34403084" target="\_blank">34403084</a>). Shows a preference for ribonucleotide monophosphates over their equivalent deoxyribose forms (PubMed:<a href="http://www.uniprot.org/citations/34403084" target="\_blank">34403084</a>). Other substrates include IMP, UMP, GMP, CMP, dAMP, dCMP, dTMP, NAD and NMN (PubMed:<a href="http://www.uniprot.org/citations/34403084" target="\_blank">34403084</a>).

[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)).

#### Cellular Location

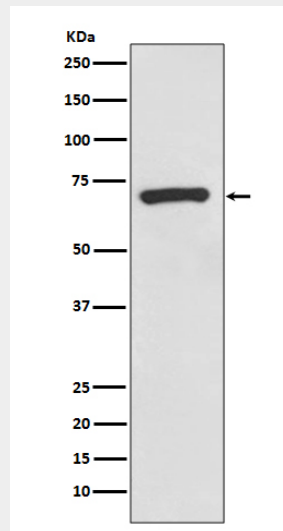
Cell membrane; Lipid-anchor, GPI-anchor

#### 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.