

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6)
Mouse Monoclonal Antibody
Catalog # ALS12559

Specification

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) - Product Information

Application	IHC
Primary Accession	P21589
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	63kDa KDa

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) - Additional Information

Gene ID 4907

Other Names

5'-nucleotidase, 5'-NT, 3.1.3.5, Ecto-5'-nucleotidase, CD73, NT5E, NT5, NTE

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) is for research use only and not for use in diagnostic or therapeutic procedures.

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) - 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: [23142347](http://www.uniprot.org/citations/23142347), PubMed: [24887587](http://www.uniprot.org/citations/24887587), PubMed: [34403084](http://www.uniprot.org/citations/34403084)).

<http://www.uniprot.org/citations/34403084>

Cellular Location

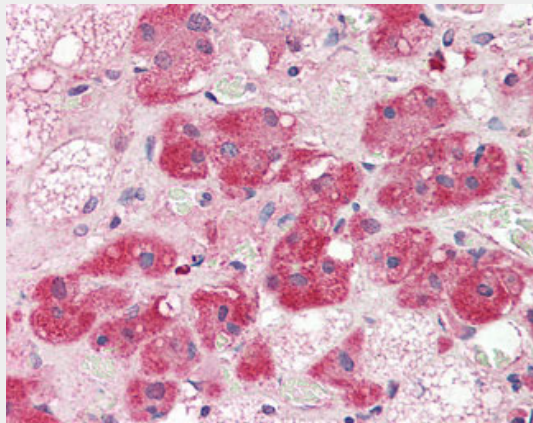
Cell membrane; Lipid-anchor, GPI-anchor

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) - Protocols

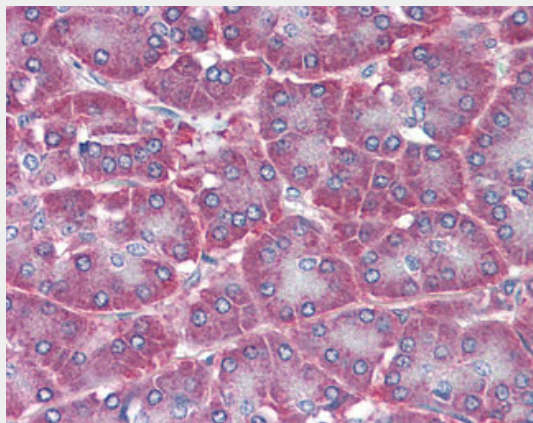
Provided below are standard protocols that you may find useful for product applications.

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

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) - Images



Anti-NT5E / CD73 antibody IHC of human adrenal.



Anti-NT5E / CD73 antibody IHC of human pancreas.

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) - Background

Hydrolyzes extracellular nucleotides into membrane permeable nucleosides. Exhibits AMP-, NAD-,

and NMN-nucleosidase activities.

NT5E / eNT / CD73 Antibody (aa27-252, clone 2B6) - References

Misumi Y., et al. Eur. J. Biochem. 191:563-569(1990).

Otsuki T., et al. DNA Res. 12:117-126(2005).

Mungall A.J., et al. Nature 425:805-811(2003).

Hansen K.R., et al. Gene 167:307-312(1995).

Zanoni L., et al. Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.