

NT5E / eNT / CD73 Antibody (clone 1D7)
Mouse Monoclonal Antibody
Catalog # ALS13044**Specification**

NT5E / eNT / CD73 Antibody (clone 1D7) - Product Information

Application	IHC-P, E
Primary Accession	P21589
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	63kDa KDa
Dilution	IHC-P~~N/A E~~N/A

NT5E / eNT / CD73 Antibody (clone 1D7) - Additional Information**Gene ID** 4907**Other Names**

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

Target/Specificity

Human NT5E

Reconstitution & Storage

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

Precautions

NT5E / eNT / CD73 Antibody (clone 1D7) is for research use only and not for use in diagnostic or therapeutic procedures.

NT5E / eNT / CD73 Antibody (clone 1D7) - 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, PubMed:22997138, PubMed:23142347, PubMed:24887587, PubMed:34403084). Shows a preference for ribonucleotide monophosphates over their equivalent deoxyribose forms (PubMed:34403084).

Other substrates include IMP, UMP, GMP, CMP, dAMP, dCMP, dTMP, NAD and NMN (PubMed:21933152, PubMed:22997138, PubMed:23142347, PubMed:24887587, PubMed:34403084).

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor

Volume

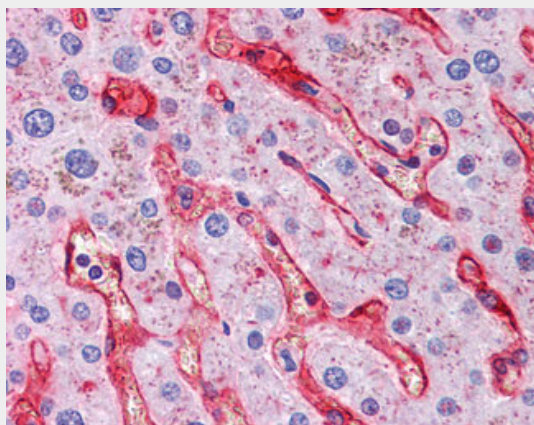
50 μ l

NT5E / eNT / CD73 Antibody (clone 1D7) - Protocols

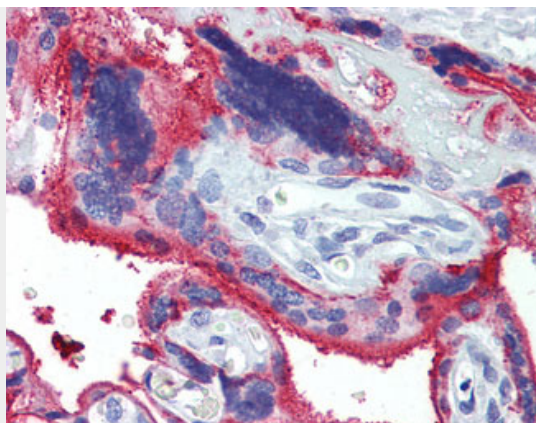
Provided below are standard protocols that you may find useful for product applications.

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

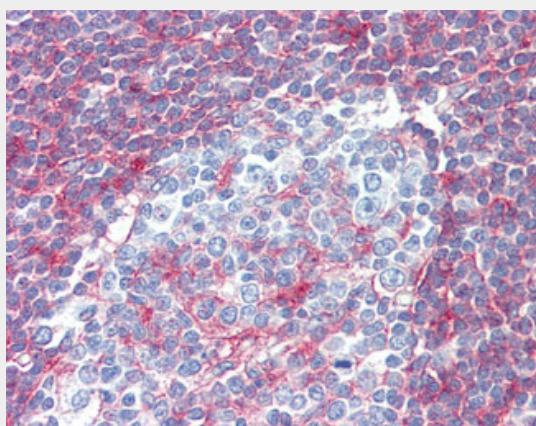
NT5E / eNT / CD73 Antibody (clone 1D7) - Images



Anti-NT5E / CD73 antibody IHC of human liver.



Anti-NT5E / CD73 antibody IHC of human placenta.



Anti-NT5E / CD73 antibody IHC of human tonsil.

NT5E / eNT / CD73 Antibody (clone 1D7) - Background

Hydrolyzes extracellular nucleotides into membrane permeable nucleosides. Exhibits AMP-, NAD-, and NMN-nucleosidase activities.

NT5E / eNT / CD73 Antibody (clone 1D7) - 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.