

Product datasheet for **AP11872PU-N**

CD73 (NT5E) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/1000. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1~30 amino acids from the N-terminal region of Human NT5E
Specificity:	This antibody detects CD73 (NT5E) at N-term.
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	5'-nucleotidase ecto
Database Link:	Entrez Gene 4907 Human P21589



[View online »](#)

Background:

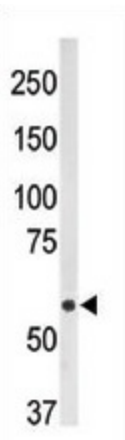
Ecto-5-prime-nucleotidase catalyzes conversion at neutral pH of purine 5-prime mononucleotides to nucleosides. The enzyme consists of a dimer of 2 identical 70 kD subunits tethered by a glycosyl phosphatidyl inositol moiety to the exterior plasma membrane surface. The enzyme, a marker of lymphocyte differentiation is associated in deficiency with a variety of immunodeficiency diseases. The preferred substrate is AMP. The NT5 gene has been localized to 6q14-q21 by immunofluorescence and a study of a panel of human x mouse hybrids that contained fragments of chromosome 6 as translocations.

Synonyms:

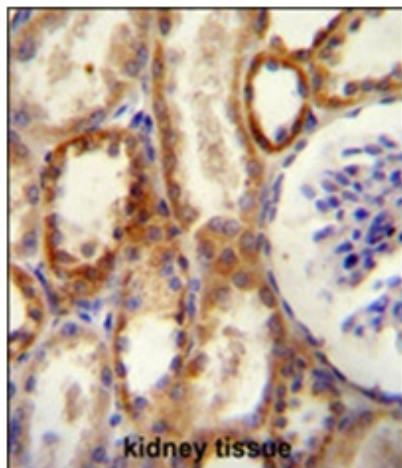
NT5, NTE, NT5E

Note:

Calculated Molecular Weight: 63368 Da

Product images:

Western blot analysis of anti-NT5E antibody in cell line lysate (35 ug/lane). NT5E (arrow) was detected using the purified Pab.



Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human kidney tissue stained with CD73 (NT5E) Antibody (N-term) (followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CD73 (NT5E) Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.