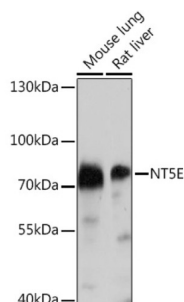
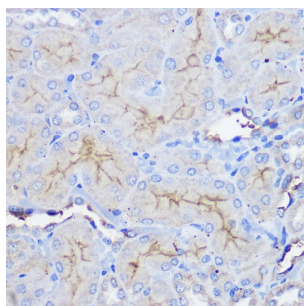


## 5'-Nucleotidase / CD73 (NT5E) Antibody

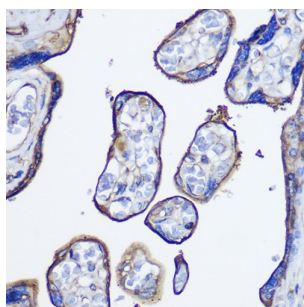
Catalogue No.: abx001646



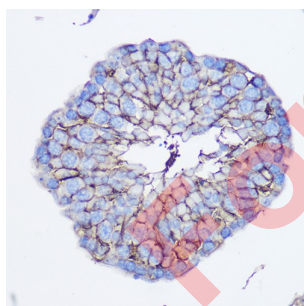
Western blot analysis of extracts of various cell lines using CD73/NT5E Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded rat kidney using CD73/NT5E Antibody (1/100 dilution, 40x lens). Microwave antigen retrieval was performed in 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human placenta using CD73/NT5E Antibody (1/100 dilution, 40x lens). Microwave antigen retrieval was performed in 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse testis using CD73/NT5E Antibody (1/100 dilution, 40x lens). Microwave antigen retrieval was performed in 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

NT5E Antibody is a Rabbit Polyclonal antibody against NT5E. The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.

**Target:** 5'-Nucleotidase / CD73 (NT5E)

**Clonality:** Polyclonal

# Datasheet

Version: 3.0.0  
Revision date: 28 Jun 2025



|                               |  |
|-------------------------------|--|
| <b>Reactivity:</b>            | Human, Mouse, Rat  |
| <b>Tested Applications:</b>   | WB, IHC  |
| <b>Host:</b>                  | Rabbit   |
| <b>Recommended dilutions:</b> | WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.       |
| <b>Conjugation:</b>           | Unconjugated   |
| <b>Immunogen:</b>             | Recombinant fusion protein corresponding to human CD73/NT5E  |
| <b>Isotype:</b>               | IgG  |
| <b>Form:</b>                  | Liquid   |
| <b>Purification:</b>          | Purified by affinity chromatography.   |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.   |
| <b>UniProt Primary AC:</b>    | P21589 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )  |
| <b>Gene Symbol:</b>           | NT5E   |
| <b>GeneID:</b>                | <a href="#">4907</a>   |
| <b>NCBI Accession:</b>        | NP_002517.1  |
| <b>KEGG:</b>                  | hsa:4907   |
| <b>String:</b>                | <a href="#">9606.ENSP00000257770</a>   |
| <b>Molecular Weight:</b>      | Calculated MW: 57 kDa/63 kDa<br>Observed MW: 70 kDa  |
| <b>Buffer:</b>                | PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.  |
| <b>Concentration:</b>         | 1 mg/ml  |
| <b>Note:</b>                  | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |