

Datasheet for ABIN357389  
**anti-CD73 antibody (N-Term)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------|
| Quantity:            | 0.4 mL                                                                                                       |
| Target:              | CD73 (NT5E)                                                                                                  |
| Binding Specificity: | AA 1-30, N-Term                                                                                              |
| Reactivity:          | Human                                                                                                        |
| Host:                | Rabbit                                                                                                       |
| Clonality:           | Polyclonal                                                                                                   |
| Conjugate:           | This CD73 antibody is un-conjugated                                                                          |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

## Product Details

|               |                                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | KLH conjugated synthetic peptide between 1~30 amino acids from the N-terminal region of Human NT5E . Genename: NT5E          |
| Isotype:      | Ig Fraction                                                                                                                  |
| Specificity:  | This antibody detects CD73 (NT5E) at N-term.                                                                                 |
| Purification: | Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | CD73 (NT5E)                            |
| Alternative Name: | CD73 ( <a href="#">NT5E Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: 5'-nucleotidase, NT5, NT5E, NTE |
| Gene ID:    | 4907, 9606                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt:    | <a href="#">P21589</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Pathways:   | <a href="#">Synaptic Membrane</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Application Details

|                    |                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions:      | For Research Use only                                                                                                                                                                                 |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.25 mg/mL                                                                                                             |
| Buffer:            | PBS with 0.09 % (W/V) Sodium Azide as preservative.                                                                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.                            |

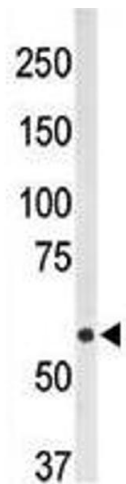


Image 1.

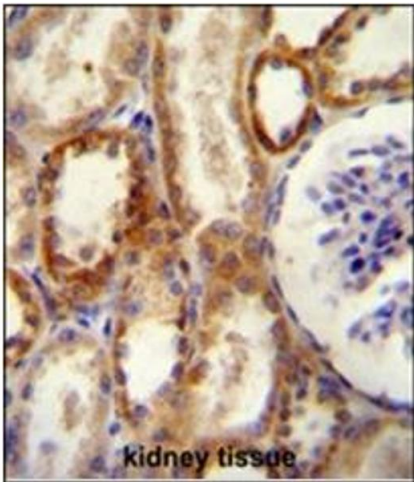


Image 2.