

# [KO Validated] CD73/NT5E Rabbit pAb

Catalog No.: A2029

**KO** Validated

4 Publications

## Basic Information

### Observed MW

70kDa

### Calculated MW

63kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

4907

### Swiss Prot

P21589

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 27-377 of human CD73/NT5E (NP\_002517.1).

### Synonyms

NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA; 5E

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

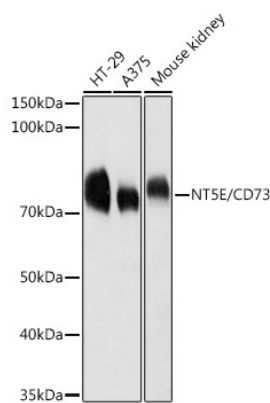
Affinity purification

### Storage

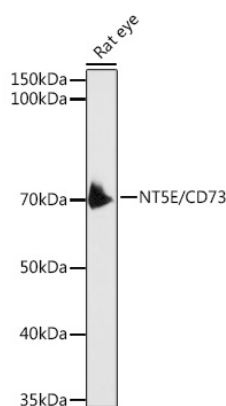
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

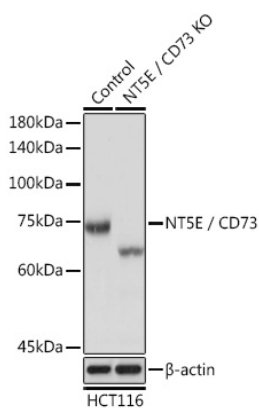
Validation Data



Western blot analysis of various lysates using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



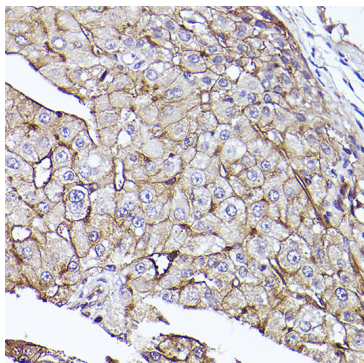
Western blot analysis of lysates from Rat eye, using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



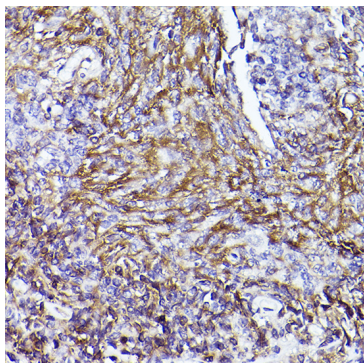
Western blot analysis of lysates from wild type (WT) and CD73/NT5E knockout (KO) HCT116 cells, using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.

## Validation Data

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Immunohistochemistry analysis of CD73/NT5E in paraffin-embedded human liver cancer using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD73/NT5E in paraffin-embedded human tonsil using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.