

## (KO Validated) NT5E/CD73 Polyclonal Antibody

**catalog number: E-AB-60564**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

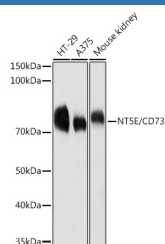
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human NT5E / CD73
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200
<b>IF</b>	1:50-1:200

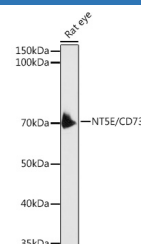
### Data



Western blot analysis of extracts of various cell lines using CD73/NT5E Polyclonal Antibody at 1:1000 dilution.

**Observed-MW:70 kDa**

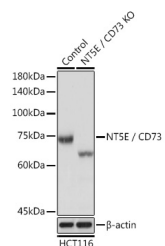
**Calculated-MW:57 kDa/63 kDa**



Western blot analysis of extracts of Rat eye using CD73/NT5E Polyclonal Antibody at 1:1000 dilution.

**Observed-MW:70 kDa**

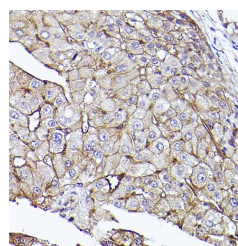
**Calculated-MW:57 kDa/63 kDa**



Western blot analysis of extracts from normal (control) and CD73/NT5E Polyclonal antibody knockout (KO) HCT116 cells using CD73/NT5E Polyclonal antibody at 1:3000 dilution.

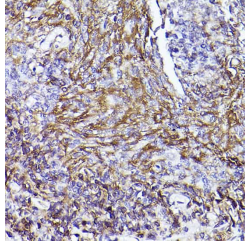
**Observed-MW:70 kDa**

**Calculated-MW:57 kDa/63 kDa**

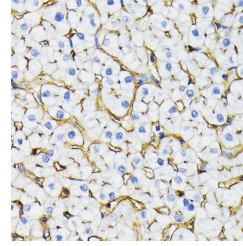


Immunohistochemistry of paraffin-embedded human liver cancer using [KO Validated] CD73/NT5E Polyclonal antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

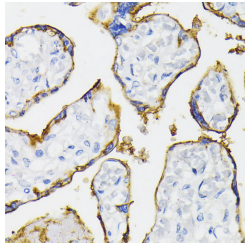
### For Research Use Only



Immunohistochemistry of paraffin-embedded human tonsil using [KO Validated] CD73/NT5E Polyclonal antibody 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 of paraffin-embedded human liver cancer using [KO Validated] CD73/NT5E Polyclonal antibody 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 of paraffin-embedded human tonsil using [KO Validated] CD73/NT5E Polyclonal antibody 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.

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## 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.

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