

[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

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

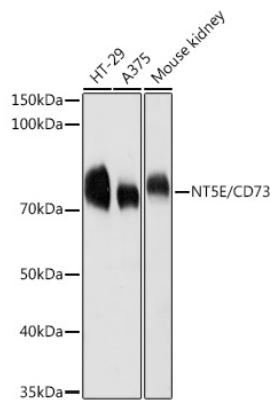
Affinity purification

Storage

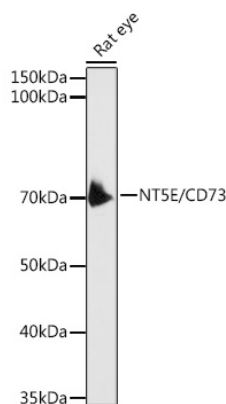
Store at -20°C. Avoid freeze / thaw cycles.

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

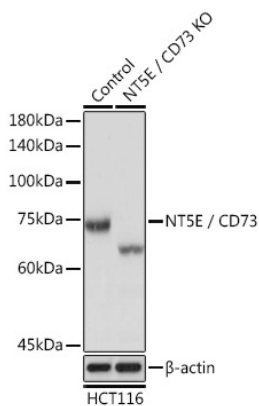
Validation Data



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.

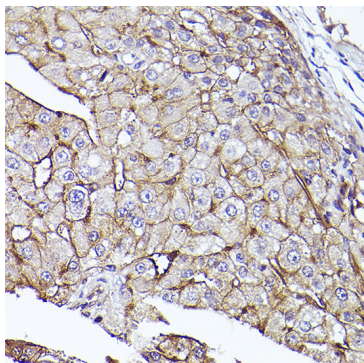


Western blot analysis of lysates from Rat eye, using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).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

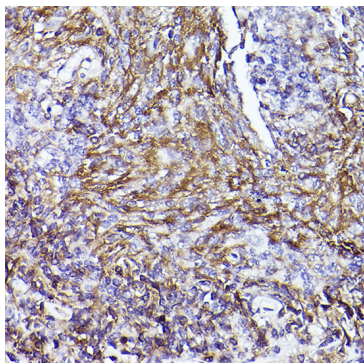


Western blot analysis of lysates from wild type (WT) and CD73/NT5E knockout (KO) HCT116 cells, using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat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

Validation Data



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.