

A2029

Leader in Biomolecular Solutions for Life Science



CD73/NT5E Rabbit pAb

Catalog No.: A2029

4 Publications

Basic Information

Observed MW

70kDa

Calculated MW

63kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

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 1:3000 - 1:30000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4907

Swiss Prot

P21589

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

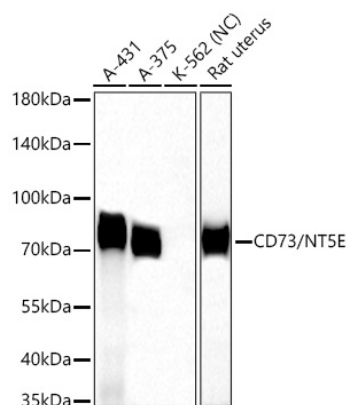
Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using CD73/NT5E Rabbit pAb (A2029) at 1:3000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

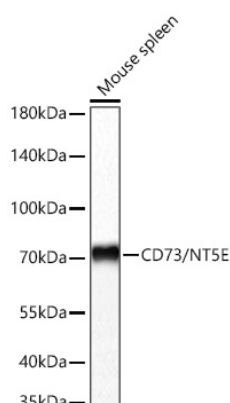
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Negative control (NC): K-562

Exposure time: 10s.



Western blot analysis of lysates from Mouse spleen using CD73/NT5E Rabbit pAb (A2029) at 1:3000 dilution incubated overnight at 4°C.

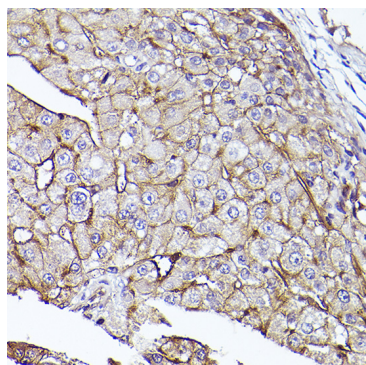
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

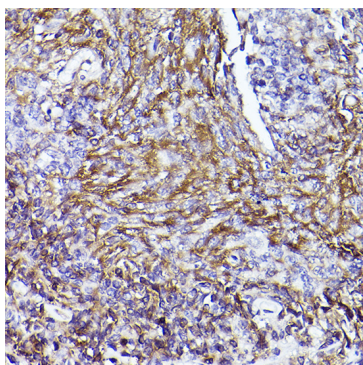
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using [KO Validated] CD73/NT5E Rabbit pAb (A2029) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.