

[KO Validated] NT5E/CD73 Antibody

CAB2029

Description

This [KO Validated] NT5E/CD73 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB2029
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	NT, eN, NT5, NTE, eNT, CD73, E5NT, CALJA, 5E
Clone:	-
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	4907
Uniprot:	AB_2764053
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	70kDa
Calculated MW:	63kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

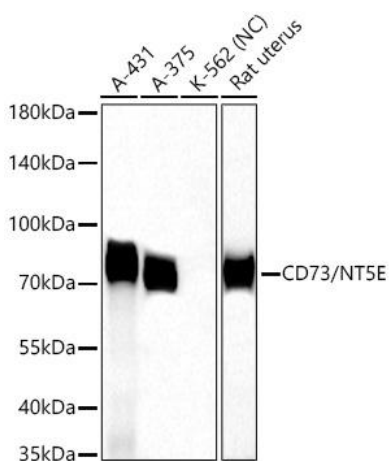
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Mouse spleen, A-431, A-375, Rat uterus

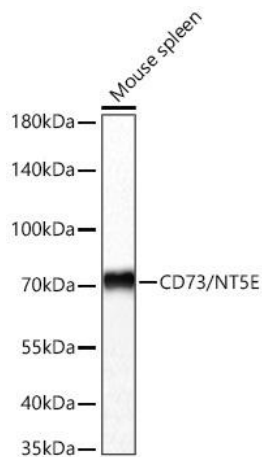
Recommended Dilutions:	WB	1:3000 - 1:30000
	IHC-P	1:50 - 1:200
	IF/ICC	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

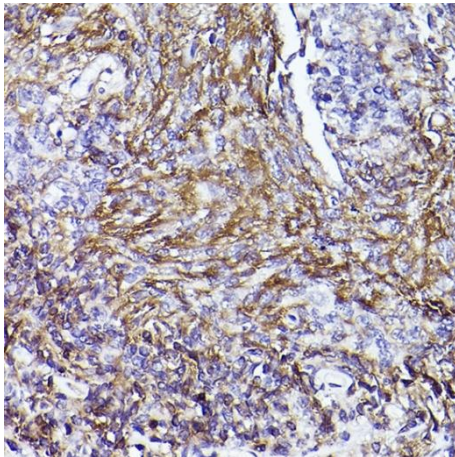
Validation Data



Western blot analysis of various lysates using /NT5E Rabbit pAb (CAB2029) at 1:3000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): K-562 Exposure time: 10s.



Western blot analysis of lysates from Mouse spleen using /NT5E Rabbit pAb (CAB2029) at 1:3000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using [KO Validated] /NT5E Rabbit pAb (CAB2029) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.