

ENTPD1/CD39 Antibody

CAB3778

Description

This ENTPD1/CD39 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: | CAB3778 |
| Contents: | 20 µL, 100 µL Bradford Reagent: 1 vial (2ml) |
| Category: | Polyclonal Antibody |
| Synonyms: | CD39, SPG64, ATPDase, NTPDase-1, ENTPD1/CD39 |
| Clone: | - |
| Applications: | WB IHC-P IF/ICC ELISA IF-P |
| Conjugation: | Unconjugated |
| Reactivity: | Human, Mouse, Rat |

Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 953 |
| Uniprot: | AB_2765267 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 80kDa |
| Calculated MW: | 58kDa |

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.

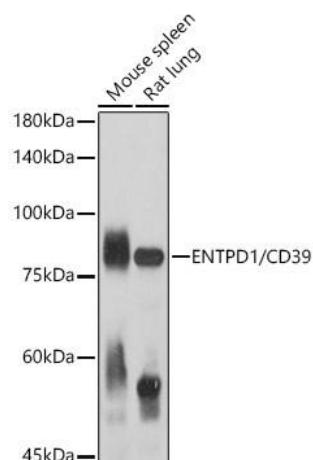
Positive Sample: Mouse spleen, Rat lung

Recommended Dilutions:

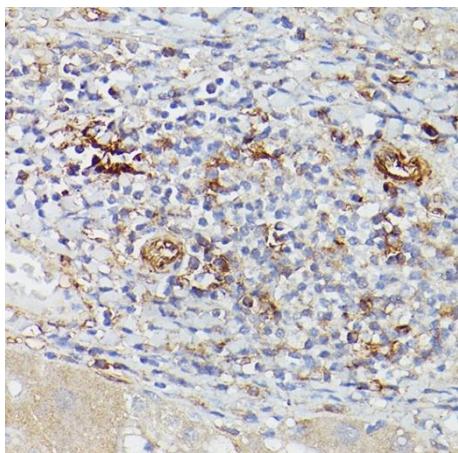
| | |
|---------------|---|
| WB | 1:500 - 1:1000 |
| IF/ICC | 1:50 - 1:200 |
| IF-P | 1:50 - 1:200 |
| IHC-P | 1:50 - 1:200 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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

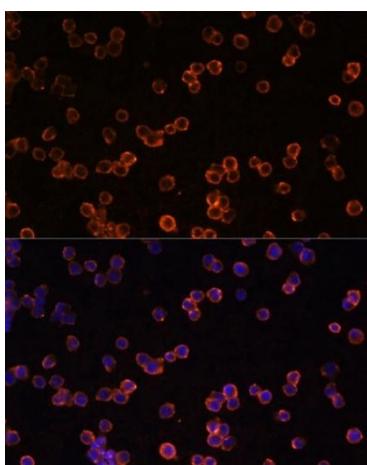
Validation Data



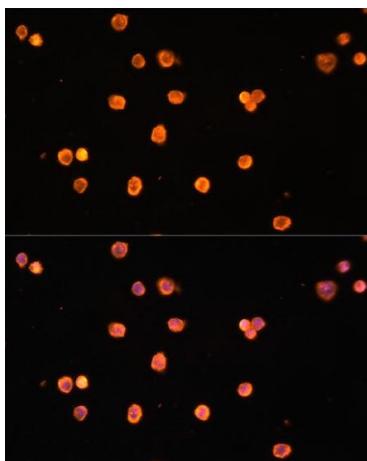
Western blot analysis of various lysates using ENTPD1/ Rabbit pAb (CAB3778) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human liver using ENTPD1/ Rabbit pAb (CAB3778) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of Raw264.7 cells using ENTPD1/ Rabbit pAb (CAB3778) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using ENTPD1/ Rabbit pAb (CAB3778) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.