

ARG59360 anti-CD39 antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes CD39 |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms, Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | CD39 |
| Species | Human |
| Immunogen | Synthetic peptide derived from Human CD39. |
| Conjugation | Un-conjugated |
| Alternate Names | CD39; Ecto-ATPase 1; Ecto-ATPDase 1; CD antigen CD39; NTPDase-1; ATPDase; EC 3.6.1.5; Ecto-ATP diphosphohydrolase 1; NTPDase 1; Ectonucleoside triphosphate diphosphohydrolase 1; SPG64; Ecto-apprase; Lymphoid cell activation antigen |

Application Instructions

| Application table | <table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>1:500 - 1:2000</td></tr></tbody></table> | Application | Dilution | WB | 1:500 - 1:2000 |
|-------------------|--|-------------|----------|----|----------------|
| Application | Dilution | | | | |
| WB | 1:500 - 1:2000 | | | | |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | | | | |
| Observed Size | ~ 70 kDa | | | | |

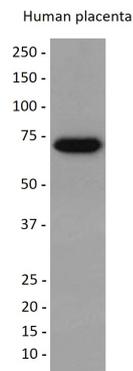
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | ENTPD1 |
| Gene Full Name | ectonucleoside triphosphate diphosphohydrolase 1 |
| Background | The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015] |
| Function | In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Could also be implicated in the prevention of platelet aggregation by hydrolyzing platelet-activating ADP to AMP. Hydrolyzes ATP and ADP equally well. [UniProt] |
| Calculated Mw | 58 kDa |
| PTM | The N-terminus is blocked. Palmitoylated in the N-terminal part. [UniProt] |
| Cellular Localization | Membrane; Multi-pass membrane protein. [UniProt] |

Images



ARG59360 anti-CD39 antibody WB image

Western blot: Human placenta lysate stained with ARG59360 anti-CD39 antibody.