

**Anti-CD39 Rabbit Monoclonal Antibody**  
**Catalog # ABO15167****Specification****Anti-CD39 Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P49961</a> |
| Host              | Rabbit                 |
| Isotype           | IgG                    |
| Reactivity        | Rat, Human, Mouse      |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-CD39 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

**Anti-CD39 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 953

**Other Names**

Ectonucleoside triphosphate diphosphohydrolase 1, 3.6.1.5, ATP diphosphohydrolase, ATP-DPH, ATPDase, Ecto-ATP diphosphohydrolase 1, Ecto-ATPDase 1, Ecto-ATPase 1, Ecto-apyrase, Lymphoid cell activation antigen, Nucleoside triphosphate diphosphohydrolase 1, CD39, ENTPD1 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=3363](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=3363))

**Application Details**

WB 1:500-1:2000

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human CD39

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-CD39 Rabbit Monoclonal Antibody - Protein Information**

**Name** ENTPD1 ([HGNC:3363](#))

### Function

Catalyzes the hydrolysis of both di- and triphosphate nucleotides (NDPs and NTPs) and hydrolyze NTPs to nucleotide monophosphates (NMPs) in two distinct successive phosphate-releasing steps, with NDPs as intermediates and participates in the regulation of extracellular levels of nucleotides (Probable) (PubMed:[8529670](http://www.uniprot.org/citations/8529670), PubMed:[8626624](http://www.uniprot.org/citations/8626624), PubMed:[8955160](http://www.uniprot.org/citations/8955160), PubMed:[8996251](http://www.uniprot.org/citations/8996251)). By hydrolyzing proinflammatory ATP and platelet-activating ADP to AMP, it blocks platelet aggregation and supports blood flow (PubMed:[8955160](http://www.uniprot.org/citations/8955160), PubMed:[8996251](http://www.uniprot.org/citations/8996251)).

### Cellular Location

Membrane; Multi-pass membrane protein. Membrane, caveola

### Tissue Location

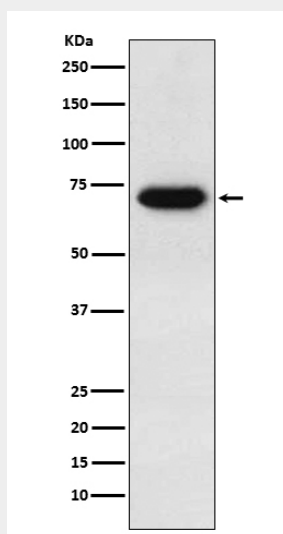
Expressed primarily on activated lymphoid cells (PubMed:7930580). Also expressed in endothelial tissues (PubMed:8955160). Highly expressed in placenta, lung, skeletal muscle, kidney (PubMed:8955160).

## Anti-CD39 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-CD39 Rabbit Monoclonal Antibody - Images



Western blot analysis of CD39 expression in human placenta lysate.