

Anti-CD39 Antibody (aa38-307, clone 2B10)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18241

Specification

Anti-CD39 Antibody (aa38-307, clone 2B10) - Product Information

Application	WB, IHC-P
Primary Accession	P49961
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	57965

Anti-CD39 Antibody (aa38-307, clone 2B10) - Additional Information

Gene ID 953

Alias Symbol	ENTPD1
Other Names	ENTPD1, ATPDase, CD39, CD39 antigen, Ecto-apyrase, Ecto-ATPDase 1, Ecto-ATP diphosphohydrolase 1, Ecto-ATPase 1, NTPDase-1, NTPDase 1

Target/Specificity

Human CD39

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-CD39 Antibody (aa38-307, clone 2B10) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CD39 Antibody (aa38-307, clone 2B10) - 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 (PubMed:[8955160](http://www.uniprot.org/citations/8955160), PubMed:[8529670](http://www.uniprot.org/citations/8529670), PubMed:[8996251](http://www.uniprot.org/citations/8996251), PubMed:[8626624](http://www.uniprot.org/citations/8626624)) (Probable). 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:[8955160](http://www.uniprot.org/citations/8955160)).

href="http://www.uniprot.org/citations/8996251" target="_blank">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 Antibody (aa38-307, clone 2B10) - 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 Antibody (aa38-307, clone 2B10) - Images