

Mouse anti-Human CD39 Monoclonal Antibody | anti-CD39 antibody

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

CATALOG # AAA162323	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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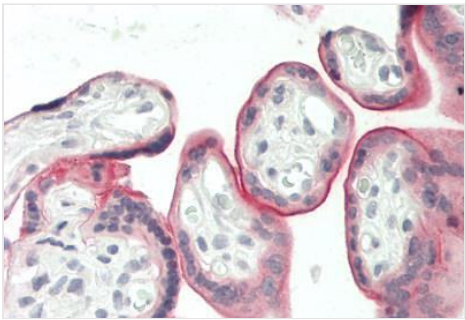
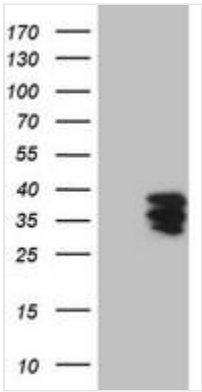
PRODUCT SYNONYMS

CD39; Monoclonal Antibody; Anti-CD39 Antibody (aa38-307; clone 2B10); Mouse Monoclonal (IgG1) to Human CD39; ENTPD1; ATPDase; CD39 antigen; Ecto-apyrase; Ecto-ATPDase 1; Ecto-ATP diphosphohydrolase 1; Ecto-ATPase 1; NTPDase-1; NTPDase 1; anti-CD39 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B10
Specificity	Human CD39
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Sequence Length	510
Applicable Applications for anti-CD39 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Human recombinant protein fragment corresponding to amino acids 38-307 of human ENTPD1 (NP_001767) produced in E. coli.
Conjugation	Unconjugated
Epitope	aa38-307
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)

WB (Western Blot)
Human recombinant protein fragment corresponding to amino acids 38-307 of human ENTPD1 (NP_001767) produced in E. coli.

ADDITIONAL INFORMATION

Related Product Information for anti-CD39 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45580700
NCBI GeneID	953
NCBI Accession #	NP_001767.3
NCBI GenBank Nucleotide #	NM_001776.5
UniProt Accession #	P49961; Q5T561; Q5T562; Q86VV3; Q9UQQ9; Q9Y3Q9; A9Z1X8; B4DWB9; B4E1X1; B7Z599; G3XAF6
Molecular Weight	59,325 Da
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 1 isoform 1
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Symbol	ENTPD1
NCBI Official Synonym Symbols	CD39; SPG64; ATPDase; NTPDase-1
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 1
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1
UniProt Gene Name	ENTPD1
UniProt Synonym Gene Names	CD39; NTPDase 1; Ecto-ATPDase 1; Ecto-ATPase 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.