

Rabbit CD39 Monoclonal Antibody | anti-CD39 antibody

CD39 Antibody

CATALOG # AAA312512	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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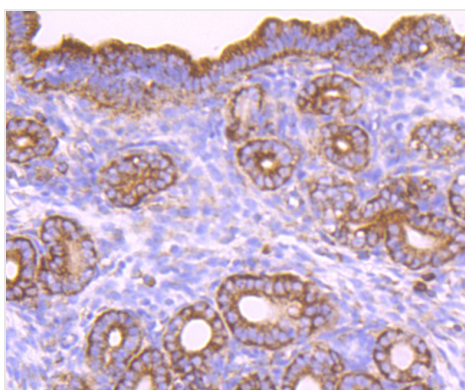
PRODUCT SYNONYMS

CD39; Monoclonal Antibody; CD39 Antibody; ATPDase antibody; CD 39 antibody; CD39 antibody; CD39 antigen antibody; DKFZp686D194 antibody; DKFZp686I093 antibody; Ecto apyrase antibody; Ecto ATP diphosphohydrolase antibody; Ecto-apyrase antibody; Ecto-ATP diphosphohydrolase 1 antibody; Ecto-ATPase 1 antibody; Ecto-ATPDase 1 antibody; Ectonucleoside triphosphate diphosphohydrolase 1 antibody; ENTP1_HUMAN antibody; ENTPD 1 antibody; ENTPD1 antibody; FLJ40921 antibody; FLJ40959 antibody; Lymphoid cell activation antigen antibody; NTPDase 1 antibody; NTPDase1 antibody; SPG64 antibody; anti-CD39 antibody

PRODUCT SPECIFICATIONS

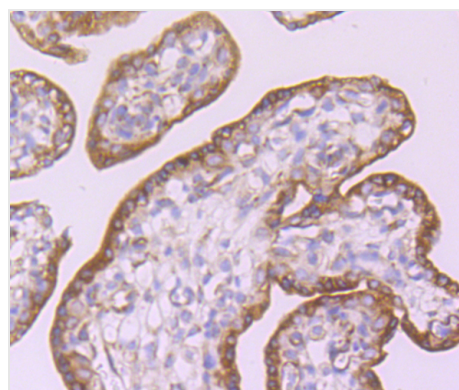
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JA90-36
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD39 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



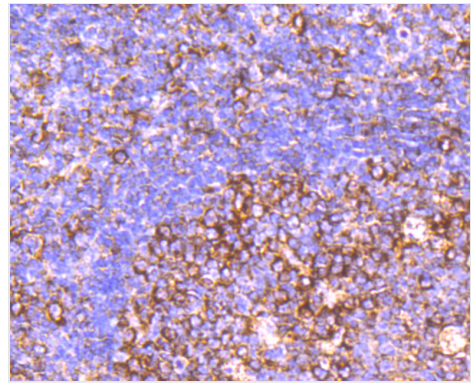
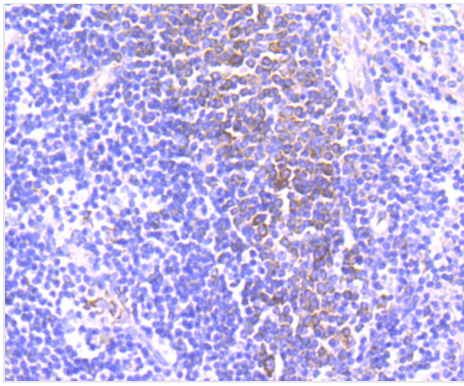
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse uterus tissue using anti-CD39 antibody. Counter stained with hematoxylin.



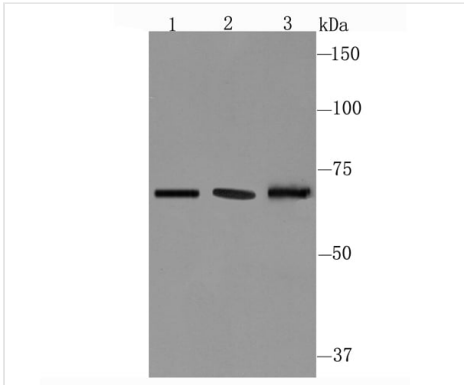
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-CD39 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
 Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD39 antibody. Counter stained with hematoxylin.

IHC (Immunohistochemistry)
 Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD39 antibody. Counter stained with hematoxylin.



WB (Western Blot)
 Western blot analysis of CD39 on different cell lysate using anti-CD39 antibody at 1/1,000 dilution. Positive control 1/2 1/2 Lane1: Human spleen Lane2: Mouse placenta Lane3: Mouse spleen

ADDITIONAL INFORMATION

Related Product Information for anti-CD39 antibody	CD39, also known as ectonucleoside triphosphate diphosphohydrolase 1 (ENP1), is an integral membrane glycoprotein that acts as an extracellular nucleotide-hydrolyzing enzyme. CD39 inhibits ADP-induced platelet aggregation by hydrolyzing ADP to AMP and ultimately generating adenosine. Intracellular CD39 undergoes glycosylation at 6 N-glycosylation sites and translocates to the membrane in order to be an active enzyme. Alternative splicing gives rise to three CD39 isoforms, vascular, placenta I and placenta II. The placenta I isoform differs at the amino terminus whereas the placenta II isoform is missing amino acids 300-510 at the C-terminus. CD39 is expressed in vascular tissues including placenta, lung, skeletal muscle and kidney, as well as endothelium, smooth muscle, cardiac cells, lymphocytes (such as activated B cells) activated NK cells, macrophages, dendritic cells and platelets. CD39 may be used as an anti-thrombic agent for pre-treating patients at risk for coronary artery occlusion and thrombic stroke.
Product Categories/Family for anti-CD39 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	147905700
NCBI GeneID	953
NCBI Accession #	NP_001091645.1
NCBI GenBank Nucleotide #	NM_001098175.1
UniProt Accession #	P49961; Q5T561; Q5T562; Q86VV3; Q9UQQ9; Q9Y3Q9; A9Z1X8; B4DWB9; B4E1X1; B7Z599; G3XAF6
Molecular Weight	57,965 Da

NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 1 isoform 2
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Symbol	ENTPD1
NCBI Official Synonym Symbols	CD39; ATPDase; NTPDase-1
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; CD39 antigen; ecto-apyrase; ecto-ATPase 1; ecto-ATPDase 1; ecto-ATP diphosphohydrolase 1; lymphoid cell activation antigen
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1
UniProt Gene Name	ENTPD1
UniProt Synonym Gene Names	CD39; NTPDase 1; Ecto-ATPDase 1
UniProt Entry Name	ENTP1_HUMAN

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.

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 Online datasheet: <https://www.aaabiotech.com/monoclonal/cd39-antibody-clone-ja90-36-immunohistochemistry-western-blot-elisa/312512>