

Rabbit anti-Human ENT2/SLC29A2 Monoclonal Antibody | anti-SLC29A2 antibody

ENT2/SLC29A2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282789	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

ENT2/SLC29A2; Monoclonal Antibody; ENT2/SLC29A2 Rabbit mAb; ENT2; DER12; HNP36; anti-SLC29A2 antibody

PRODUCT SPECIFICATIONS

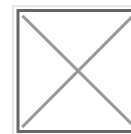
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MARGDAPRDS YHLVGISFFI LGLGTLLPWN FFITAIPYFQ ARLAGAGNST ARILSTNHTG PEDAFNFNW VTLLSQLPLL LFTLLNSFLY QCVPETVRIL
Applicable Applications for anti-SLC29A2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ENT2/SLC29A2 (Q14542).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of C2C12 cells using ENT2/SLC29A2 Rabbit mAb (AAA282789, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat ovary using ENT2/SLC29A2 Rabbit mAb (AAA282789) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using ENT2/SLC29A2 Rabbit mAb (AAA282789) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC29A2 antibody	The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface (Griffiths et al., 1997 [PubMed 9396714]).
Product Categories/Family for anti-SLC29A2 antibody	Signal Transduction; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38708299
NCBI GeneID	3177
NCBI Accession #	NP_001523
NCBI GenBank Nucleotide #	NM_001532.2
UniProt Accession #	Q14542; O43530; Q52M84; Q96R00; Q9UPE0; B3KPY7
Molecular Weight	Calculated MW: 50kDa
UniProt Protein Name	Equilibrative nucleoside transporter 2
UniProt Gene Name	SLC29A2
UniProt Synonym Gene Names	DER12; ENT2; HNP36; Equilibrative NBMPR-insensitive nucleoside transporter
UniProt Entry Name	S29A2_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://stage.aaabiotech.com/monoclonal/ent2-slc29a2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/282789>