

Mouse anti-Human Glucose Transporter GLUT1 Monoclonal Antibody | anti-GLUT1 antibody

Glucose Transporter GLUT1 Mouse mAb

CATALOG # AAA269158	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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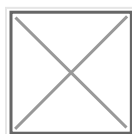
PRODUCT SYNONYMS

Glucose Transporter GLUT1; Monoclonal Antibody; Glucose Transporter GLUT1 Mouse mAb; SLC2A1; GLUT1; Solute carrier family 2; facilitated glucose transporter member 1; Glucose transporter type 1; erythrocyte/brain; GLUT-1; HepG2 glucose transporter; anti-GLUT1 antibody

PRODUCT SPECIFICATIONS

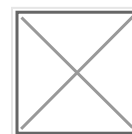
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG3
Clone Number	1G5-8F2-7D10
Purity/Purification	Affinity Chromatography
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Applicable Applications for anti-GLUT1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human GLUT-1
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human Placenta using Glucose Transporter GLUT1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human Colon carcinoma using Glucose Transporter GLUT1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GLUT1 antibody	GLUT1 an integral membrane protein that plays an important role in the glycolytic pathway by serving as a uniporter for glucose. One of 13 members of the human equilibrative glucose transport protein family. Transports a wide range of aldoses, including both pentoses and hexoses, and dehydroascorbic acid. Shown to transport water against an osmotic gradient
Product Categories/Family for anti-GLUT1 antibody	Pathological Antibody ; Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795299
NCBI GeneID	6513
NCBI Accession #	NP_006507.2
NCBI GenBank Nucleotide #	NM_006516.2
UniProt Accession #	P11166; O75535; Q147X2; A8K9S6; B2R620; D3DPX0
Molecular Weight	54,084 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 1
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 1
NCBI Official Symbol	SLC2A1
NCBI Official Synonym Symbols	PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLV1R; GLUT1DS
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 1; GLUT-1; hepG2 glucose transporter; glucose transporter type 1, erythrocyte/brain; human T-cell leukemia virus (I and II) receptor
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 1
UniProt Gene Name	SLC2A1
UniProt Synonym Gene Names	GLUT1; GLUT-1
UniProt Entry Name	GTR1_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/glucose-transporter-glut1-antibody-clone-1g5-8f2-7d10-immunohistochemistry-elisa/269158>