

Mouse SLC2A5 Monoclonal Antibody | anti-SLC2A5 antibody

SLC2A5 antibody

CATALOG # AAA106937	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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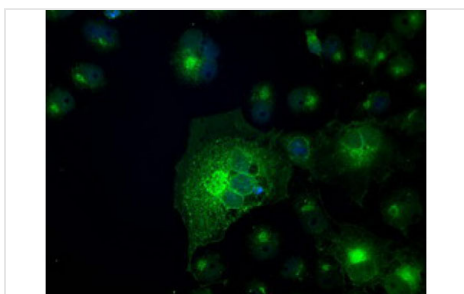
PRODUCT SYNONYMS

SLC2A5; Monoclonal Antibody; SLC2A5 antibody; Monoclonal SLC2A5; Anti-SLC2A5; GLUT5; Solute Carrier Family 2 Member 5; Facilitated Glucose/Fructose Transporter 5; Glucose transporter 5; SLCA5 2; SLCA5-2; anti-SLC2A5 antibody

PRODUCT SPECIFICATIONS

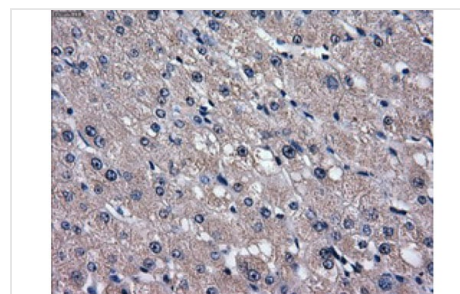
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	20 E1
Purity/Purification	SLC2A5 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	501
Applicable Applications for anti-SLC2A5 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	SLC2A5 is a cytochalasin B-sensitive carrier. It seems to function primarily as a fructose transporter.
Cross-Reactivity	Human
Immunogen	SLC2A5 antibody was raised in mouse using a full length recombinant protein of human SLC2A5 (NP_003030) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



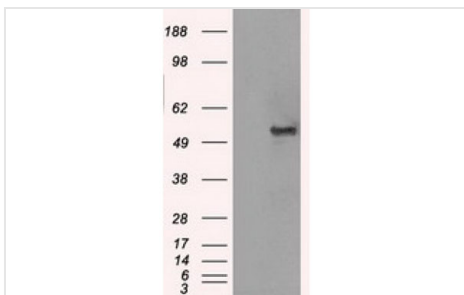
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant SLC2A5 protein using SLC2A5 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of SLC2A5 protein in paraffin embedded Human liver tissue using SLC2A5 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SLC2A5 protein (Right) or empty vector (Left) detected with SLC2A5 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A5 antibody	Mouse monoclonal SLC2A5 antibody
Product Categories/Family for anti-SLC2A5 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507013
NCBI GeneID	6518
NCBI Accession #	NP_003030
NCBI GenBank Nucleotide #	NM_003039.2
UniProt Accession #	P22732; Q14770; Q5T977; Q8IVB3
Molecular Weight	26,519 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 5 isoform 1
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose/fructose transporter), member 5
NCBI Official Symbol	SLC2A5
NCBI Official Synonym Symbols	GLUT5; GLUT-5
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 5
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 5
UniProt Gene Name	SLC2A5
UniProt Synonym Gene Names	GLUT5; GLUT-5
UniProt Entry Name	GTR5_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.