

Product datasheet for **CF500576**

Glucose Transporter 5 GLUT5 (SLC2A5) Mouse Monoclonal Antibody [Clone ID: OTI20E1]

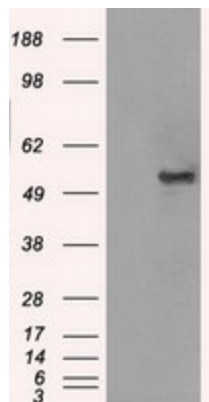
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI20E1
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:50, IF 1:50~100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SLC2A5 (NP_003030) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54.8 kDa
Gene Name:	Homo sapiens solute carrier family 2 member 5 (SLC2A5), transcript variant 1, mRNA.
Database Link:	NP_003030 Entrez Gene 6518 Human P22732
Synonyms:	GLUT-5; GLUT5
Protein Families:	Transmembrane

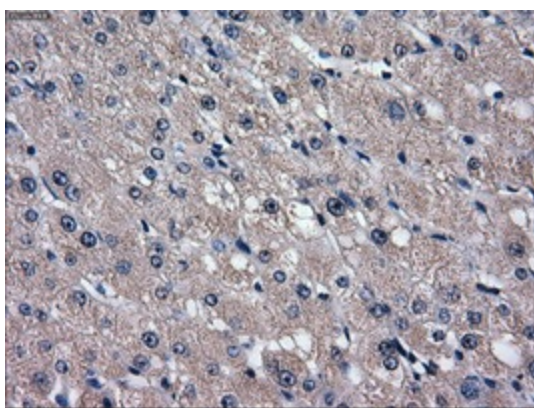


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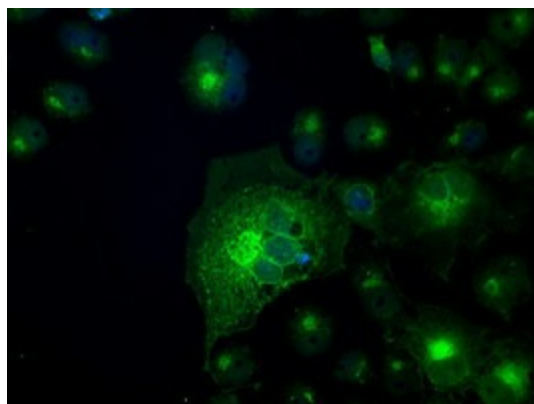
Product images:



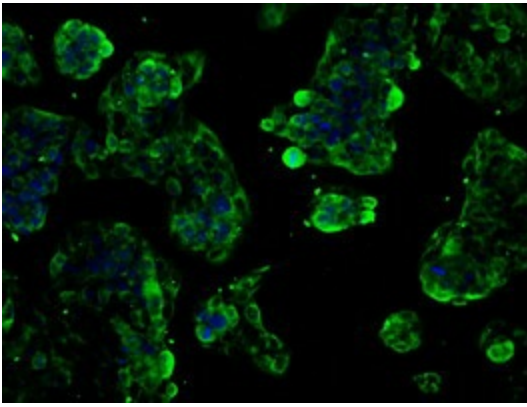
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SLC2A5 ([RC200418], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SLC2A5. Positive lysates [LY401061] (100ug) and [LC401061] (20ug) can be purchased separately from OriGene.



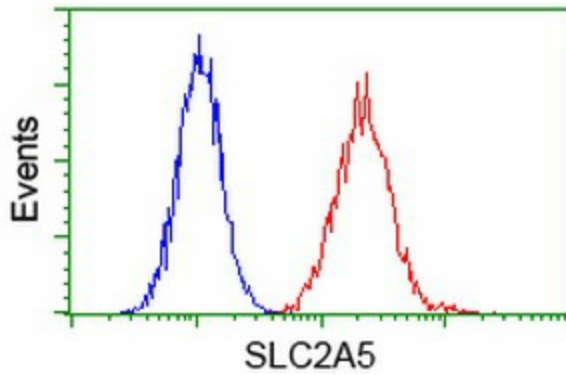
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-SLC2A5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500576])



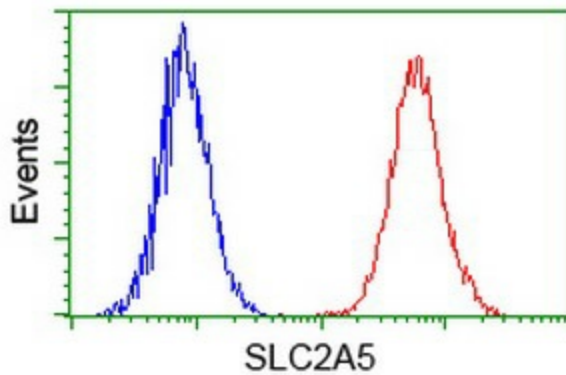
Anti-SLC2A5 mouse monoclonal antibody ([TA500576]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SLC2A5 ([RC200418]).



Immunofluorescent staining of HepG2 cells using anti-SLC2A5 mouse monoclonal antibody ([TA500576]).



Flow cytometric Analysis of HeLa cells, using anti-SLC2A5 antibody ([TA500576]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-SLC2A5 antibody ([TA500576]), (Red), compared to a nonspecific negative control antibody, (Blue).