

## Product datasheet for **TA422415**

### Glucose Transporter GLUT1 (SLC2A1) Rabbit Monoclonal Antibody

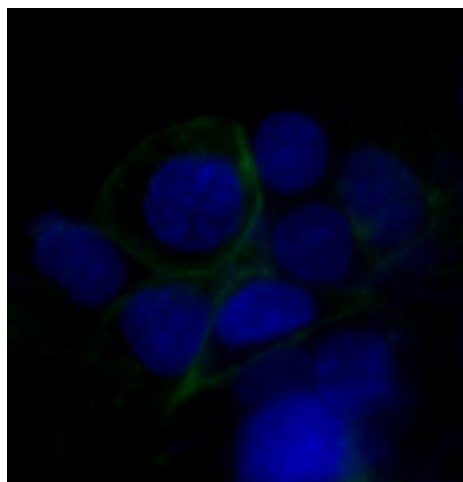
#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human Glucose Transporter GLUT1
Specificity:	GLUT1 Antibody detects endogenous levels of total Glucose Transporter GLUT1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -21°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	54kDa
Gene Name:	solute carrier family 2 member 1
Database Link:	<a href="#">Entrez Gene 6513 Human P11166</a>
Background:	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.
Synonyms:	DYT17; DYT18; Glucose transporter type 1, erythrocyte/brain; GLUT; GLUT-1; GLUT1; GTR1; HepG2 glucose transporter

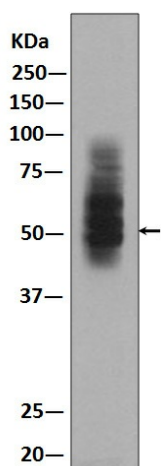


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## Product images:



Immunofluorescent analysis of HepG2 cells, using GLUT1 Antibody .



Western blot analysis of GLUT1 expression in HepG2 lysate.