10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-SLC2A8 Reference Antibody (VB1-050)

Recombinant Antibody
Catalog # APR10293

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9NY64
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	50819

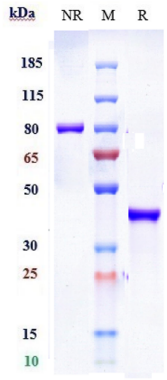
Additional Information

Target/Specificity	SLC2A8
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

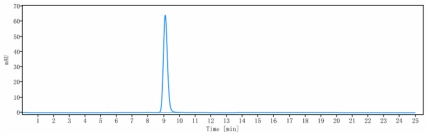
Protein Information

Name	SLC2A8 (HGNC:13812)
Function	Insulin-regulated facilitative hexose transporter that mediates the transport of glucose and fructose (By similarity). Facilitates hepatic influx of dietary trehalose, which in turn inhibits glucose and fructose influx triggering a starvation signal and hepatic autophagy through activation of AMPK and ULK1 (PubMed:27922102). Also able to mediate the transport of dehydroascorbate.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q9JJZ1}; Multi-pass membrane protein. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q9JJZ1}; Multi-pass membrane protein. Note=Principally intracellular. May move between intracellular vesicles and the plasma membrane. The dileucine internalization motif is critical for intracellular sequestration {ECO:0000250|UniProtKB:Q9JJZ1}
Tissue Location	Highly expressed in testis, but not in testicular carcinoma. Lower amounts present in most other tissues

Images



Anti-SLC2A8 Reference Antibody (VB1-050) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.



The purity of Anti-SLC2A8 Reference Antibody (VB1-050) is more than 95%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.