

SLC2A1 monoclonal antibody, clone CGG-19

Catalog # MAB20095 Size 100 uL

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human SLC2A1.
Immunogen	A synthetic peptide corresponding to human SLC2A1.
Host	Rabbit
Theoretical MW (kDa)	54.084
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

Gene Info — SLC2A1

Entrez GeneID	6513
Protein Accession#	P11166
Gene Name	SLC2A1
Gene Alias	DYT17, DYT18, GLUT, GLUT1, MGC141895, MGC141896, PED
Gene Description	solute carrier family 2 (facilitated glucose transporter), member 1
Omim ID	138140 606777
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a major glucose transporter in the mammalian blood-brain barrier. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by RefSeq]
Other Designations	OTTHUMP00000009006

Pathway

- [Adipocytokine signaling pathway](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Adenocarcinoma](#)

- [Albuminuria](#)
- [Alzheimer disease](#)
- [Anoxia](#)
- [Atherosclerosis](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carbohydrate Metabolism](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Dyskinesias](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Glucose Metabolism Disorders](#)
- [HTLV-I Infections](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)

- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Paraparesis](#)
- [Proteinuria](#)
- [Pulmonary Disease](#)
- [Spinal Dysraphism](#)
- [Syndrome](#)
- [Uremia](#)
- [Urinary Bladder Neoplasms](#)
- [Vascular Diseases](#)
- [Werner syndrome](#)