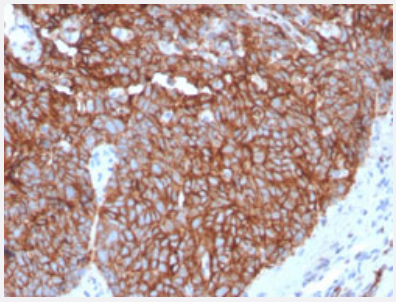
RecomAb™

SLC2A1 recombinant monoclonal antibody, clone GLUT1/3132R

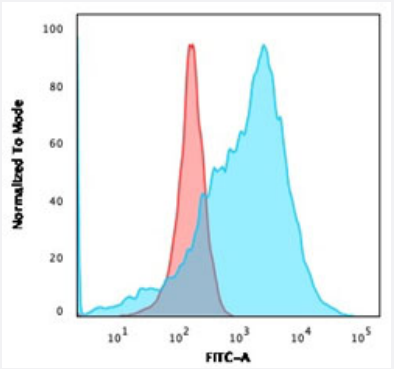
Catalog # RAB00625 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tongue.



Flow Cytometry

Flow cytometric analysis of K562 cells. Goat anti-rabbit IgG-CF488 (Blue) ; Isotype Control (Red).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial human SLC2A1.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to amino acids 203-305 of human SLC2A1.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification

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Isotype	IgG
Recommend Usage	ELISA (For coatinguse Ab at 1-2ug/mL) Flow Cytometry (1-2 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human tongue.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

  Flow cytometric analysis of K562 cells. Goat anti-rabbit IgG-CF488 (Blue) ; Isotype Control (Red).

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 i n this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by RefSeq
Other Designations	OTTHUMP00000009006

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Publication Reference

- Extracellular vesicle analysis of plasma allows differential diagnosis of atypical pancreatic serous cystadenoma.

  Katherine S Yang, Aileen O'Shea, Piotr Zelga, Andrew S Liss, Carlos Fernandez Del Castillo, Ralph Weissleder

  Scientific Reports 2023 Jul; 13(1):10969.

  Application: MBA, Human, Human plasma

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

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- 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

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- Urinary Bladder Neoplasms
- Vascular Diseases
- Werner syndrome

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