

SLC2A2 rabbit monoclonal antibody

Catalog # H00006514-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC2A2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC2A2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SLC2A2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SLC2A2

Entrez GeneID	6514
GeneBank Accession#	SLC2A2
Gene Name	SLC2A2
Gene Alias	GLUT2
Gene Description	solute carrier family 2 (facilitated glucose transporter), member 2
Omim ID	138160 227810
Gene Ontology	Hyperlink
Gene Summary	Glucose transporter 2 isoform is an integral plasma membrane glycoprotein of the liver, islet beta cells, intestine, and kidney epithelium. It mediates facilitated bidirectional glucose transport. Because of its low affinity for glucose, it has been suggested as a glucose sensor. [provided by RefSeq]
Other Designations	-

Pathway

- [Maturity onset diabetes of the young](#)
- [Type II diabetes mellitus](#)

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hyperparathyroidism](#)
- [Obesity](#)
- [Overweight](#)
- [Prostatic Neoplasms](#)
- [Weight Loss](#)