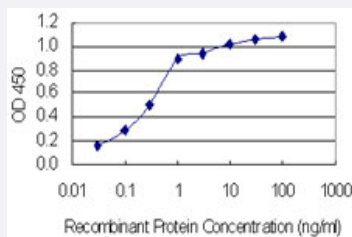


SLC37A4 monoclonal antibody (M01), clone 7B9

Catalog # H00002542-M01

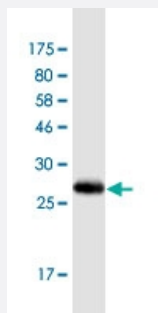
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC37A4 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (31.13 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SLC37A4.
Immunogen	SLC37A4 (NP_001458.1, 28 a.a. ~ 76 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RKTFSEFVMPSLVEEIPLDKDDLGFITSSQSAAYASKFVSGVLSDQMSA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.13 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC37A4 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SLC37A4

Entrez GeneID	2542
GeneBank Accession#	NM_001467
Protein Accession#	NP_001458.1
Gene Name	SLC37A4
Gene Alias	G6PT1, G6PT2, G6PT3, GSD1b, GSD1c, GSD1d, MGC15729, PRO0685, TRG19
Gene Description	solute carrier family 37 (glucose-6-phosphate transporter), member 4
Omim ID	232220 232240 602671
Gene Ontology	Hyperlink
Gene Summary	This gene regulates glucose-6-phosphate transport from the cytoplasm to the lumen of the endoplasmic reticulum, in order to maintain glucose homeostasis. It also plays a role in ATP-mediated calcium sequestration in the lumen of the endoplasmic reticulum. Mutations in this gene have been associated with various forms of glycogen storage disease. Alternative splicing in this gene results in multiple transcript variants

Other Designations

glucose-6-phosphatase, transport (glucose) protein 3|glucose-6-phosphatase, transport (glucose-6-phosphate) protein 1|glucose-6-phosphatase, transport (phosphate/pyrophosphate) protein 2|glucose-6-phosphate translocase|glucose-6-phosphate transporter 1|mi

Disease

- [Glycogen Storage Disease Type I](#)
- [Neutropenia](#)
- [Sudden Infant Death](#)