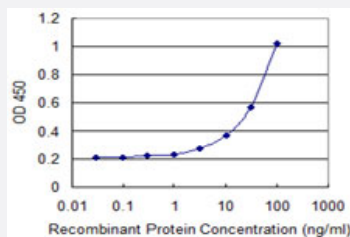


SLC25A21 monoclonal antibody (M05), clone 2C9

Catalog # H00089874-M05

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC25A21 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SLC25A21.
Immunogen	SLC25A21 (NP_085134.1, 36 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VVKTRFQIQRCATDPNSYKSLVDSFRMIFQMEGLFGFYKGILPPILAETPKRAVKFFTFEQYKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (81)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC25A21 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SLC25A21

Entrez GeneID	89874
GeneBank Accession#	NM_030631
Protein Accession#	NP_085134.1
Gene Name	SLC25A21
Gene Alias	MGC126570, ODC, ODC1
Gene Description	solute carrier family 25 (mitochondrial oxodicarboxylate carrier), member 21
Omim ID	607571
Gene Ontology	Hyperlink
Gene Summary	SLC25A21 is a homolog of the <i>S. cerevisiae</i> ODC proteins, mitochondrial carriers that transport C5-C7 oxodicarboxylates across inner mitochondrial membranes. One of the species transported by ODC is 2-oxoadipate, a common intermediate in the catabolism of lysine, tryptophan, and hydroxylysine in mammals. Within mitochondria, 2-oxoadipate is converted into acetyl-CoA.[supplied by OMIM]
Other Designations	oxodicarboxylate carrier

Disease

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Tobacco Use Disorder](#)