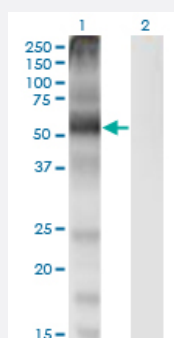


SLC7A1 monoclonal antibody (M02), clone 2B9

Catalog # H00006541-M02

Size 100 ug

Applications

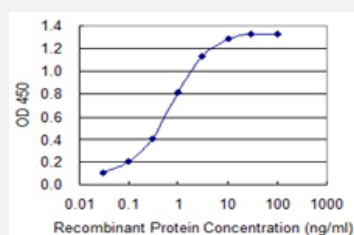


Western Blot (Transfected lysate)

Western Blot analysis of SLC7A1 expression in transfected 293T cell line by SLC7A1 monoclonal antibody (M02), clone 2B9.

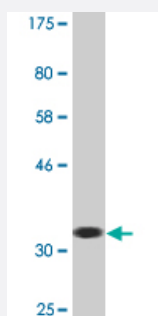
Lane 1: SLC7A1 transfected lysate (Predicted MW: 67.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC7A1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (32.56 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SLC7A1.

Immunogen	SLC7A1 (NP_003036, 431 a.a. ~ 492 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RYQPEQPNLVYQMASTSDDELDPADQNELASTNDSQLGFLPEAEMFSLKTILSPKNMEPSKIS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.56 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 (Transfected lysate)

Western Blot analysis of SLC7A1 expression in transfected 293T cell line by SLC7A1 monoclonal antibody (M02), clone 2B9.

Lane 1: SLC7A1 transfected lysate (Predicted MW: 67.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC7A1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SLC7A1

Entrez GeneID

[6541](#)

GeneBank Accession#	NM_003045
Protein Accession#	NP_003036
Gene Name	SLC7A1
Gene Alias	ATRC1, CAT-1, ERR, HCAT1, REC1L
Gene Description	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1
Omim ID	104615
Gene Ontology	Hyperlink
Gene Summary	y+ system)
Other Designations	OTTHUMP00000018189 OTTHUMP00000042418 amino acid transporter, cationic 1 ecotropic r etroviral receptor

Disease

- [Hypertension](#)