

# SLC7A5 rabbit monoclonal antibody

Catalog # H00008140-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC7A5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC7A5 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SLC7A5 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SLC7A5

Entrez GeneID	<a href="#">8140</a>
GeneBank Accession#	<a href="#">SLC7A5</a>
Gene Name	SLC7A5
Gene Alias	4F2LC, CD98, D16S469E, E16, LAT1, MPE16, hLAT1
Gene Description	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5
Omim ID	<a href="#">600182</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	y+ system)
Other Designations	4F2 light chain CD98 light chain L-type amino acid transporter 1 integral membrane protein E16 large neutral amino acids transporter 1 large neutral amino acids transporter small subunit 1 sodium-independent neutral amino acid transporter LAT1

## Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Multiple Myeloma](#)