

# SLC39A5 rabbit monoclonal antibody

Catalog # H00283375-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human SLC39A5 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human SLC39A5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human SLC39A5 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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 — SLC39A5

Entrez GeneID	<a href="#">283375</a>
GeneBank Accession#	<a href="#">SLC39A5</a>
Gene Name	SLC39A5
Gene Alias	LZT-Hs7, MGC34778, ZIP5
Gene Description	solute carrier family 39 (metal ion transporter), member 5
Omim ID	<a href="#">608730</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A5 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM]</p>
Other Designations	-