

# SIAE rabbit monoclonal antibody

Catalog # H00054414-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human SIAE peptide using ARM Technology.
Immunogen	A synthetic peptide of human SIAE 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 SIAE 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 — SIAE

Entrez GeneID	<a href="#">54414</a>
GeneBank Accession#	<a href="#">SIAE</a>
Gene Name	SIAE
Gene Alias	CSE-C, LSE, MGC87009, YSG2
Gene Description	sialic acid acetyltransferase
Omim ID	<a href="#">610079</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Sialic acids are acidic 9-carbon sugars typically found at the nonreducing end of sugar chains. They are frequently modified by 9-O-acetylation, and this modification is removed by sialic acid acetyltransferases. SIAE appears to encode both lysosomal and cytosolic sialic acid acetyltransferase isoforms (LSE and CSE, respectively) (Takematsu et al., 1999 [PubMed 10464298]).[supplied by OMIM]
Other Designations	Ysg2 homolog cytosolic sialic acid 9-O-acetyltransferase homolog sialic acid-specific acetyltransferase II

## Disease

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