

ST6GALNAC2 rabbit monoclonal antibody

Catalog # H00010610-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ST6GALNAC2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ST6GALNAC2 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 (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ST6GALNAC2 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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ST6GALNAC2

Entrez GeneID	10610
GeneBank Accession#	ST6GALNAC2
Gene Name	ST6GALNAC2
Gene Alias	FLJ45660, SAITL1, SIAT7, SIAT7B, SIATL1, ST6GalNAII, STHM
Gene Description	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyl transferase 2
Omim ID	610137
Gene Ontology	Hyperlink
Gene Summary	ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting (Samyn-Petit et al., 2000 [PubMed 10742600]).[supplied by OMIM]
Other Designations	(alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide B (alpha-N-acetylneuraminy-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase sialyltransferase 7 sialyltransferase 7 ((alpha-N-acetylneuraminy-2,3-be

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)