

ST6GAL2 Antibody(C-term) Blocking peptide
Synthetic peptide
Catalog # BP19472b**Specification**

ST6GAL2 Antibody(C-term) Blocking peptide - Product InformationPrimary Accession [Q96JF0](#)**ST6GAL2 Antibody(C-term) Blocking peptide - Additional Information****Gene ID** 84620**Other Names**

Beta-galactoside alpha-2, 6-sialyltransferase 2, Alpha 2, 6-ST 2,
CMP-N-acetylneuraminate-beta-galactosamide-alpha-2, 6-sialyltransferase 2, ST6Gal II, ST6GalII,
hST6Gal II, Sialyltransferase 2, ST6GAL2, KIAA1877, SIAT2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ST6GAL2 Antibody(C-term) Blocking peptide - Protein Information**Name** ST6GAL2**Synonyms** KIAA1877, SIAT2**Function**

Transfers sialic acid from the donor of substrate CMP-sialic acid to galactose containing acceptor substrates. Has alpha-2,6- sialyltransferase activity toward oligosaccharides that have the Gal-beta-1,4-GlcNAc sequence at the non-reducing end of their carbohydrate groups, but it has weak or no activities toward glycoproteins and glycolipids.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein

Tissue Location

Weakly expressed in some tissues, such as small intestine, colon and fetal brain.

ST6GAL2 Antibody(C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ST6GAL2 Antibody(C-term) Blocking peptide - Images

ST6GAL2 Antibody(C-term) Blocking peptide - Background

Sialyltransferases, such as ST6GAL2 (EC 2.4.99.1), are type II transmembrane proteins that catalyze the transfer of sialic acid from CMP-sialic acid to an acceptor carbohydrate, usually to the terminal ends of carbohydrate chains.

ST6GAL2 Antibody(C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) Ikeda, M., et al. Biol. Psychiatry 67(3):263-269(2010) Lehoux, S., et al. Glycoconj. J. 27(1):99-114(2010) Trynka, G., et al. Gut 58(8):1078-1083(2009) Krzewinski-Recchi, M.A., et al. Eur. J. Biochem. 270(5):950-961(2003)