

CA 19-9
Mouse Monoclonal Antibody (Mab)
Catalog # APA280**Specification**

CA 19-9 - Product Information

Application	IHC
Primary Accession	Q969X2
Host	Mouse
Clonality	Monoclonal
Calculated MW	38068 Da

CA 19-9 - Additional Information

Gene ID	30815
Gene Name	ST6GALNAC6

Other Names

Alpha-N-acetylgalactosaminide alpha-2, 6-sialyltransferase 6, 2.4.99.-, GalNAc alpha-2, 6-sialyltransferase VI, ST6GalNAc VI, ST6GalNAcVI, hST6GalNAc VI, Sialyltransferase 7F, SIAT7-F, ST6GALNAC6, SIAT7F

Dilution

IHC~~1:100~500

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CA 19-9 is for research use only and not for use in diagnostic or therapeutic procedures.

CA 19-9 - Protein Information

Name ST6GALNAC6

Synonyms

SIAT7F

Function

Transfers the sialyl group (N-acetyl-alpha-neuraminy or NeuAc) from CMP-NeuAc onto glycoproteins and glycolipids, forming an alpha-2,6-linkage. Produces branched type disialyl structures by transfer of a sialyl group onto the GalNAc or GlcNAc residue inside backbone core chains having a terminal sialic acid with an alpha-2,3- linkage on Gal. ST6GalNAcVI prefers glycolipids to glycoproteins, predominantly catalyzing the biosynthesis of ganglioside GD1alpha

from GM1b (PubMed:[12668675](#), PubMed:[17123352](#)). Besides GMb1, MSGG and other glycolipids, it shows activity towards sialyl Lc4Cer generating disialyl Lc4Cer, which can lead to the synthesis of disialyl Lewis a (Le(a)), suggested to be a cancer-associated antigen (PubMed:[12668675](#)). Also has activity toward GD1a and GT1b, and can generate DSGG (disialylgalactosylgloboside) from MSGG (monosialylgalactosylgloboside) (By similarity).
Golgi apparatus membrane; Single- pass type II membrane protein
Expressed in kidney, in proximal tubule epithelial cells. Expressed in colon cell lines.

Cellular Location

Tissue Location

CA 19-9 - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CA 19-9 - Images