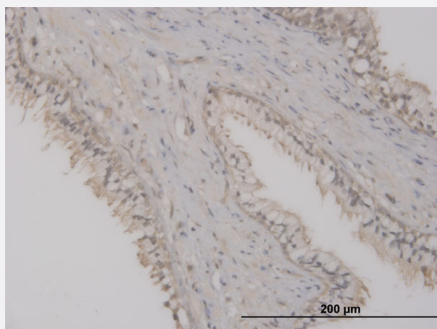


ST8SIA2 monoclonal antibody (M01), clone 6G6

Catalog # H00008128-M01

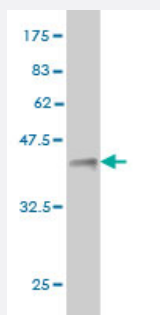
Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ST8SIA2 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 1.2 ug/ml]



Western Blot detection against Immunogen (37.51 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ST8SIA2.
Immunogen	ST8SIA2 (NP_006002, 40 a.a. ~ 146 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TIRSAVNSLHSKSNRAEVVINGSSSPAVVDRSNESIKHNIQPASSKWRHNQTLRLRKQILKFLDAEKDISVLKGTLPKGDIIHYIFDRDSTMNVSQNLYELLPT
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.51 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ST8SIA2 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 1.2 ug/ml]

[Protocol Download](#)

- ELISA

Gene Info — ST8SIA2

Entrez GeneID

[8128](#)

GeneBank Accession#

[NM_006011](#)

Protein Accession#

[NP_006002](#)

Gene Name

ST8SIA2

Gene Alias

HsT19690, MGC116854, MGC116857, SIAT8B, ST8SIA-II, STX

Gene Description

ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2

Omim ID

[602546](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29. [provided by RefSeq]

Other Designations

alpha-2,8-sialyltransferase 8B|sialyltransferase 8 (alpha-2, 8-sialyltransferase) B|sialyltransferase 8B|sialyltransferase X

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)

Disease

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