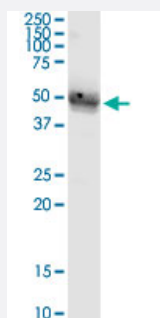


ST8SIA4 monoclonal antibody (M03), clone 1H5

Catalog # H00007903-M03

Size 100 ug

Applications



Western Blot (Tissue lysate)

ST8SIA4 monoclonal antibody (M03), clone 1H5. Western Blot analysis of ST8SIA4 expression in human kidney.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ST8SIA4.
Immunogen	ST8SIA4 (AAH27866, 1 a.a. ~ 168 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRSIRKKWTICTISLLLIFYKTKEIARTEEHQETQLIGDGELSLRSLVNSSDKIIRKAGSSIFQHNVEG WKINSSLVLEIRKNILRFLDAERDVSVKSSFKPGDVIHYVLD RRRRLNISHDLHSLLEPVSPMKNR RFKTCVVGN SGILLDSECGKEIDSHNFVIR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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 (Tissue lysate)

ST8SIA4 monoclonal antibody (M03), clone 1H5. Western Blot analysis of ST8SIA4 expression in human kidney.

[Protocol Download](#)

- ELISA

Gene Info — ST8SIA4

Entrez GeneID	7903
GeneBank Accession#	BC027866
Protein Accession#	AAH27866
Gene Name	ST8SIA4
Gene Alias	MGC34450, MGC61459, PST, PST1, SIAT8D, ST8SIA-IV
Gene Description	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4
Omim ID	602547
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). The encoded protein, which is a member of glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	CMP-N-acetylneuraminate-poly-alpha-2,8-sialyl transferase alpha-2,8-sialyltransferase 8D polysialyltransferase-1 sialyltransferase 8 (alpha-2, 8-polysialyltransferase) D sialyltransferase 8D (alpha-2, 8-polysialyltransferase)

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hypertension](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)