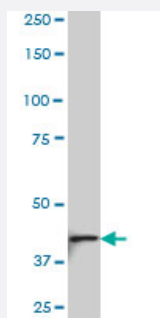


NDST3 monoclonal antibody (M01), clone 5B9

Catalog # H00009348-M01

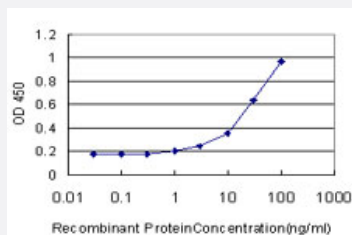
Size 100 ug

Applications



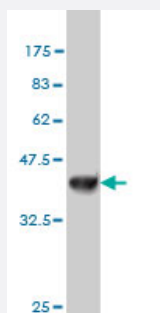
Western Blot (Cell lysate)

NDST3 monoclonal antibody (M01), clone 5B9 Western Blot analysis of NDST3 expression in HeLa S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NDST3 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NDST3.

Immunogen	NDST3 (NP_004775, 162 a.a. ~ 259 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IGFHKTSSEKSVQSFQLKGFPFSYGNLAVKDCCINPHSPLIRVTKSSKLEKGSPLPGTDWTVFQINHS AYQPVIFAKVKTPENLSPSISKGAFYATIIH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 (Cell lysate)

NDST3 monoclonal antibody (M01), clone 5B9 Western Blot analysis of NDST3 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NDST3 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NDST3

Entrez GeneID [9348](#)

GeneBank Accession#	NM_004784
Protein Accession#	NP_004775
Gene Name	NDST3
Gene Alias	HSST3, MGC130028, MGC130029
Gene Description	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3
Omim ID	603950
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the heparan sulfate/heparin GlcNAc N-deacetylase/ N-sulfotransf erase family. The encoded enzyme is a type II transmembrane protein that resides in the Golgi ap paratus. This monomeric bifunctional enzyme catalyzes the N-deacetylation and N-sulfation of N-a cetylglucosamine residues in heparan sulfate and heparin, which are the initial chemical modificat ions required for the biosynthesis of the functional oligosaccharide sequences that define the spe cific ligand binding activities of heparan sulfate and heparin. [provided by RefSeq
Other Designations	GlcNAc N-deacetylase/ N-sulfotransferase 3 OTTHUMP00000163903 bifunctional heparan sulfat e N-deacetylase/N-sulfotransferase 3 glucosaminyl N-deacetylase/N-sulfotransferase 3

Pathway

- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Alcoholism](#)
- [Arthritis](#)
- [Bipolar Disorder](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Tobacco Use Disorder](#)