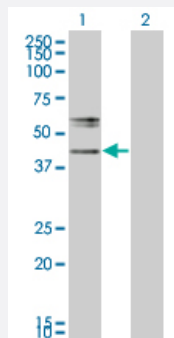


B3GNT2 monoclonal antibody (M05), clone 1A8

Catalog # H00010678-M05

Size 100 ug

Applications

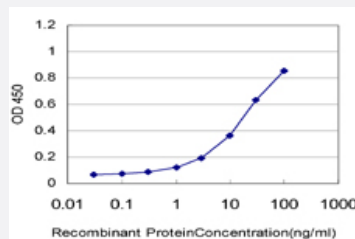


Western Blot (Transfected lysate)

Western Blot analysis of B3GNT2 expression in transfected 293T cell line by B3GNT2 monoclonal antibody (M05), clone 1A8.

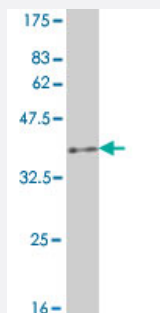
Lane 1: B3GNT2 transfected lysate (46.022 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged B3GNT2 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant B3GNT2.

Immunogen	B3GNT2 (NP_006568, 111 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NLPDRFKDFLLYLRCRNYSLIDQPDKCAKKPFLLLAIKSLTPHFARRQAIRESWGQESNAGNQTV VRVFLLGQTPPEDNHPDLSDMLKFESEKHQDILM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of B3GNT2 expression in transfected 293T cell line by B3GNT2 monoclonal antibody (M05), clone 1A8.

Lane 1: B3GNT2 transfected lysate(46.022 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged B3GNT2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — B3GNT2

Entrez GeneID	10678
GeneBank Accession#	NM_006577
Protein Accession#	NP_006568
Gene Name	B3GNT2
Gene Alias	B3GN-T1, B3GN-T2, B3GNT, B3GNT-2, B3GNT1, BETA3GNT
Gene Description	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2
Omim ID	605581
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It prefers the substrate of lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. [provided by RefSeq]
Other Designations	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1 beta-1,3-N-acetylglucosaminyltransferase bGnT-1 beta-1,3-N-acetylglucosaminyltransferase bGnT-2 beta3gal-T5

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Keratan sulfate biosynthesis](#)
- [Metabolic pathways](#)