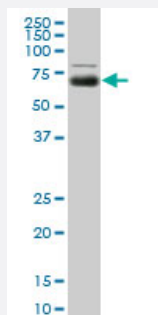


MGAT4A monoclonal antibody (M01), clone 8C5

Catalog # H00011320-M01

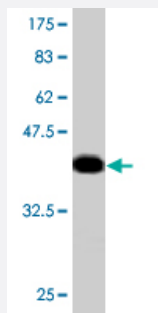
Size 100 ug

Applications



Western Blot (Cell lysate)

MGAT4A monoclonal antibody (M01), clone 8C5. Western Blot analysis of MGAT4A expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MGAT4A.
Immunogen	MGAT4A (NP_036346, 436 a.a. ~ 535 a.a) partial recombinant protein with GST tag. MW of the GS T tag alone is 26 KDa.
Sequence	PVNVESYLFHSGNQEHDPGDILLNTTVEVLDPFKSEGLEISKETKDKRLEDGYFRIGKFENGVAEGMV DPSLNPISAFRLSVIQNSAVWAILNEIHIKKATN
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (93); Rat (94)
Isotype	IgG1 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 (Cell lysate)

MGAT4A monoclonal antibody (M01), clone 8C5. Western Blot analysis of MGAT4A expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MGAT4A

Entrez GeneID	11320
GeneBank Accession#	NM_012214
Protein Accession#	NP_036346
Gene Name	MGAT4A
Gene Alias	GNT-IV, GNT-IVA
Gene Description	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A
Omim ID	604623
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a key glycosyltransferase that regulates the formation of tri- and multiantennary branching structures in the Golgi apparatus. The encoded protein, in addition to the related isoenzyme B, catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc in a beta-1,4 linkage to the Man-alpha-1,3-Man-beta-1,4-GlcNAc arm of R-Man-alpha-1,6(GlcNAc-beta-1,2-Man-alpha-1,3)Man-beta-1,4-GlcNAc-beta-1,4-GlcNAc-beta-1-Asn. The encoded protein may play a role in regulating the availability of serum glycoproteins, oncogenesis, and differentiation. [provided by RefSeq]

Other Designations

N-acetylglucosaminyltransferase IVa|OTTHUMP00000161122|UDP-GlcNAc:a-1,3-D-mannoside b-1,4-acetylglucosaminyltransferase IV|UDP-N-acetylglucosamine:alpha1,3-d-mannoside beta1,4-N-acetylglucosaminyltransferase|alpha-1,3-mannosyl-glycoprotein beta-1,4-N-acet

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)