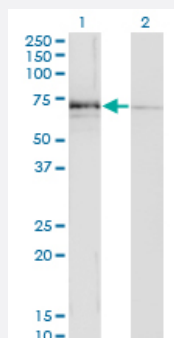


MGAT3 monoclonal antibody (M02), clone 1C9

Catalog # H00004248-M02

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MGAT3 expression in transfected 293T cell line by MGAT3 monoclonal antibody (M02), clone 1C9.

Lane 1: MGAT3 transfected lysate (Predicted MW: 61.3 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.96 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MGAT3.
Immunogen	MGAT3 (NP_002400, 430 a.a. ~ 531 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LVSAQNGDFPRWGDYEDKRDLNYIRGLIRTGGWFDGTQQEYPPADPSEHMYAPKYLLKNYDRFH YLLDNPYQEPRSTAAGGWRHRGPEGRPPARGKLDEAEV
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.96 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 MGAT3 expression in transfected 293T cell line by MGAT3 monoclonal antibody (M02), clone 1C9.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MGAT3

Entrez GeneID

[4248](#)

GeneBank Accession#

[NM_002409](#)

Protein Accession#

[NP_002400](#)

Gene Name

MGAT3

Gene Alias

FLJ43371, GNT-III, GNT3, MGC141943, MGC142278

Gene Description

mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase

Omim ID

[604621](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. The enzyme encoded by this gene transfers a GlcNAc residue to the beta-linked mannose of the trimannosyl core of N-linked oligosaccharides and produces a bisecting GlcNAc. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

GlcNAc-T III|N-acetylglucosaminyltransferase III|N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase III|OTTHUMP00000028574|OTTHUMP00000042207|beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase

Pathway

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