



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MGAT5 monoclonal antibody (M09), clone 3E9

Catalog # : H00004249-M09

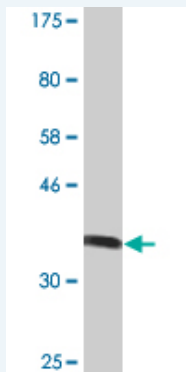
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant MGAT5.
Immunogen:	MGAT5 (NP_002401, 642 a.a. ~ 739 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LAEPGQSCKQVCQESQLICEPSFFQHLNKDKDMLKYKVTQSSSELAKDI LVPSFDPKNKHCVFQGDLLLFSCAGAHPRHQVPCRDFFIKGQVALCKD
Host:	Mouse
Reactivity:	Human
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.

MSDS: [Download](#)

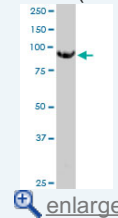
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

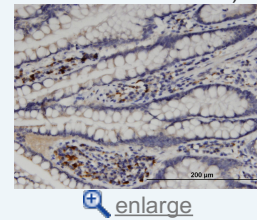
Application Image

Western Blot (Cell lysate)

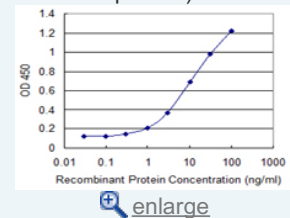


Western Blot (Recombinant protein)

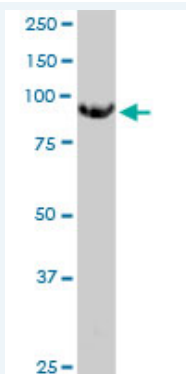
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Sandwich ELISA (Recombinant protein)



ELISA



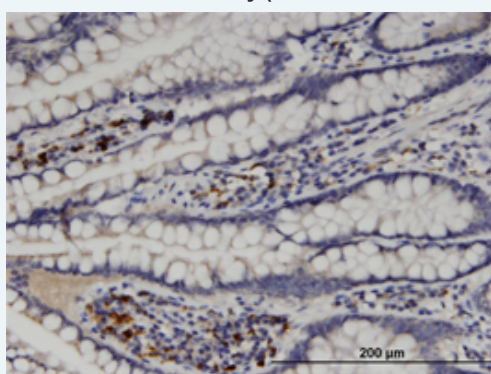
MGAT5 monoclonal antibody (M09), clone 3E9. Western Blot analysis of MGAT5 expression in Jurkat(Cat # L017V1).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

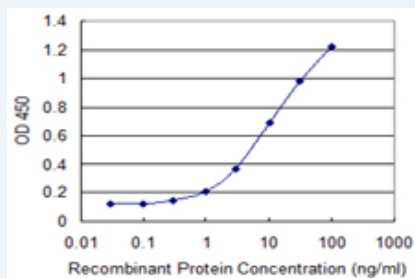


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to MGAT5 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged MGAT5 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4249](#)

GeneBank [NM_002410](#)

Accession#:

Protein [NP_002401](#)

Accession#:

Gene Name: MGAT5

Gene Alias: GNT-V,GNT-VA

Gene Description: mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase

Omim ID: [601774](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, a glycosyltransferase involved in the synthesis of protein-bound and lipid-bound oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the adhesive or migratory behavior of a cell. Increase in the encoded protein's activity may correlate with the progression of invasive malignancies. [provided by RefSeq]

Other Designations: N-acetylglucosaminyltransferase V, alpha-1,3(6)-mannosylglycoprotein beta-1,6-N-acetylglucosaminyltransferase, alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase

Gene Pathway

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

Related Disease

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[Multiple Sclerosis](#) [Stroke](#)