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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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MFNG monoclonal antibody (M07), clone 2B11

Catalog # : H00004242-M07

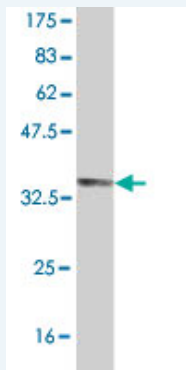
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant MFNG.
Immunogen:	MFNG (NP_002396, 214 a.a. ~ 291 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	WASGSRFMDTSALIRLPDDCTMGYIECKLGGRLQPSPLFHSHLETQLL RTAQLPEQVTLSYGVFEGKLNVIKLGQP
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (34.32 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 (Recombinant protein)

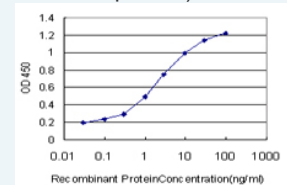
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

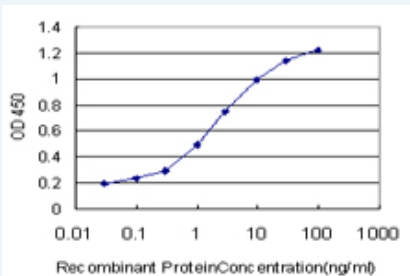
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



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

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4242](#)

GeneBank [NM_002405](#)

Accession#:

Protein [NP_002396](#)

Accession#:

Gene Name: MFNG

Gene Alias: -

Gene Description: MFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase

Omim ID: [602577](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the fringe gene family which also includes Radical and Lunatic fringe. They all encode evolutionarily conserved secreted proteins that act in the Notch receptor pathway to demarcate boundaries during embryonic development. While their genomic structure is distinct from other glycosyltransferases, fringe proteins have a fucose-specific beta1,3 N-acetylglucosaminyltransferase activity that leads to elongation of O-linked fucose residues on Notch, which alters Notch signaling. [provided by RefSeq]

Other Designations: O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase, OTTHUMP00000043697, OTTHUMP0000043698, OTTHUMP00000043700, beta-1,3-N-acetylglucosaminyltransferase manic fringe, manic fringe homolog

Gene Pathway

[Notch signaling pathway](#)

Related Disease

[Asthma](#) [Asthma](#)