



SZABO SCANDIC

Part of Europa Biosite

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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LFNG monoclonal antibody (M01), clone 2D10-3C11

Catalog # : H00003955-M01

規格 : [100 ug]

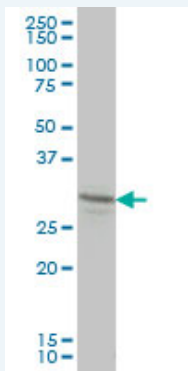
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant LFNG.
Immunogen:	LFNG (AAH14851, 1 a.a. ~ 250 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MTPGRCCLAADIQVETFFIFTDGEDEALARHTGNVITNCSAAHSRQALSC KMAVEYDRFIESGRKWFCHVDDDNVNLRALLRLLASYPHTRDVYVGKP SLDRPIQAMERVSENKVRPVHFWFATGGAGFCISRGLALKMSPWASGG HFMNTAERIRLPDDCTIGYIVEALLGVPLIRSGLFHSHLENLQQVPTSELHE QVTL SYGMFENKRNAVHVKGPF SVEADPSRFRSIHCHLYPDT PWCPRTA IF
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
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)



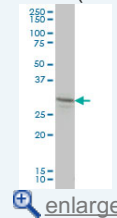
LFNG monoclonal antibody (M01), clone 2D10-3C11 Western Blot analysis of LFNG expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

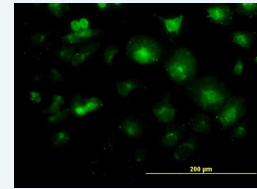
Immunofluorescence

Application Image

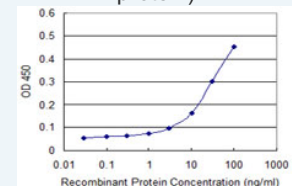
Western Blot (Cell lysate)



Immunofluorescence

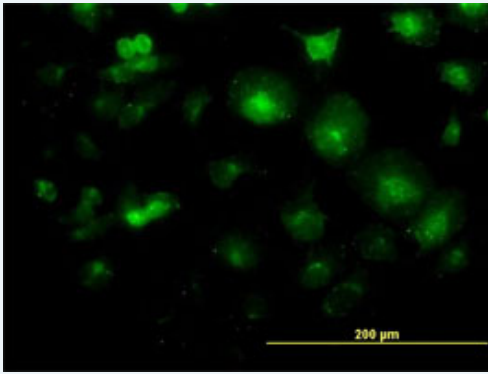


Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

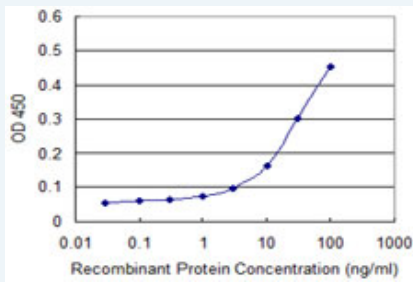


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to LFNG on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged LFNG is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3955](#)

GeneBank [BC014851](#)

Accession#:

Protein [AAH14851](#)

Accession#:

Gene Name: LFNG

Gene Alias: SCDO3

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

Omim ID: [602576](#), [609813](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the glycosyltransferase superfamily. The encoded protein is a single-pass type II Golgi membrane protein that functions as a fucose-specific glycosyltransferase, adding an N-acetylglucosamine to the fucose residue of a group of signaling receptors involved in regulating cell fate decisions during development. Mutations in this gene have been associated with autosomal recessive spondylocostal dysostosis 3. Alternatively spliced transcript variants that encode different isoforms have been described, however, not all variants have been fully characterized. [provided by RefSeq]

Other Designations: lunatic fringe

Gene Pathway

Notch signaling pathway

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