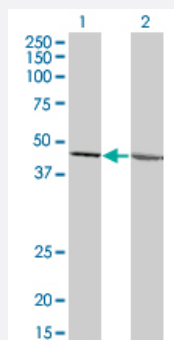


LFNG monoclonal antibody (M05), clone 3C4

Catalog # H00003955-M05

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LFNG expression in transfected 293T cell line by LFNG monoclonal antibody (M05), clone 3C4.

Lane 1: LFNG transfected lysate(28.2 KDa).

Lane 2: Non-transfected lysate.

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	MTPGRCCLAADIQVETFIPTDGEDEALARHTGNVVITNCSSAAHSRQALSCKMAVEYDRFIESGRK WFCHVDDDDNYVNLRALRLRLASYPHTRDVYVGKPSLDRPIQAMERVSENKVRPVHFWFATGGAG FCISRGLALKMSPWASGGHFMNTAERIRLPDDCTIGYVEALLGVPLIRSGLFHSHLENLQQVPTSE LHEQVTLSYGMFENKRNAVHVKGPFVSVEADPSRFRSIHCHLYPDTWPWCPTAIF
Host	Mouse
Reactivity	Human
Isotype	IgG2b 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.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- ELISA

Gene Info — LFNG

Entrez GeneID [3955](#)

GeneBank Accession# [BC014851](#)

Protein Accession# [AAH14851](#)

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

Pathway

- [Notch signaling pathway](#)