

MFNG rabbit monoclonal antibody

Catalog # H00004242-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MFNG peptide using ARM Technology.
Immunogen	A synthetic peptide of human MFNG is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MFNG peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MFNG

Entrez GeneID	4242
GeneBank Accession#	MFNG
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

Pathway

- [Notch signaling pathway](#)

Disease

- [Asthma](#)