

MFN1 rabbit monoclonal antibody

Catalog # H00055669-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MFN1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MFN1 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 MFN1 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 — MFN1

Entrez GeneID	55669
GeneBank Accession#	MFN1
Gene Name	MFN1
Gene Alias	DKFZp762F247, FLJ20693, MGC41806, hfzo1, hfzo2
Gene Description	mitofusin 1
Omim ID	608506
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting. [provided by RefSeq]
Other Designations	mitochondrial transmembrane GTPase FZO-2 mitochondrial transmembrane GTPase Fzo-1 putative transmembrane GTPase

Disease

- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)