

MFN1 Monoclonal antibody

Catalog Number: 60091-1-Ig

Basic Information

Catalog Number:

60091-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG4890

GenBank Accession Number:

BC040557

GeneID (NCBI):

55669

UNIPROT ID:

Q8IWA4

Full Name:

mitofusin 1

Calculated MW:

741 aa, 84 kDa

Observed MW:

86 kDa

Purification Method:

Caprylic Acid/Ammonium Sulfate
Precipitation

CloneNo.:

4B4B2

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

Mitofusin-1 (MFN1) is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). Mitofusins are large predicted GTPases located in outer mitochondrial membrane. They are essential for outer membrane fusion by interacting with each other to facilitate mitochondrial targeting. The mitofusins are the first known protein mediator of mitochondrial fusion, and mediate developmentally regulated post-meiotic fusion of mitochondria.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

