

For Research Use Only

MFN1 Monoclonal antibody

Catalog Number: 60091-1-Ig



Basic Information

Catalog Number: 60091-1-Ig	GenBank Accession Number: BC040557	Purification Method: Caprylic Acid/Ammonium Sulfate Precipitation
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55669	CloneNo.: 4B4B2
Source: Mouse	Full Name: mitofusin 1	
Isotype: IgG2b	Calculated MW: 741 aa, 84 kDa	
Immunogen Catalog Number: AG4890	Observed MW: 86 kDa	

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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data