

IMMT Monoclonal antibody

Catalog Number: 60023-1-Ig

Basic Information

Catalog Number:

60023-1-Ig

Size:

N/A

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0102

GenBank Accession Number:

BC002412

GeneID (NCBI):

10989

UNIPROT ID:

Q16891

Full Name:

inner membrane protein,
mitochondrial (mitofilin)

Calculated MW:

90 kDa

Purification Method:

Caprylic acid/ammonium sulfate
precipitation

CloneNo.:

5A9D2

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse

Background Information

IMMT (also known as mitofilin) is an inner mitochondrial membrane protein that is preferentially expressed in heart tissue and is commonly used as the marker for mitochondria. Mitofilin is known to be a critical organizer of mitochondrial cristae morphology and is indispensable for normal mitochondrial function. Three isoforms of mitofilin exist due to the alternative splicing. All three proteins of 87kD, 89kD and 80kD can be detected in immunoblot analysis with this antibody.

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

