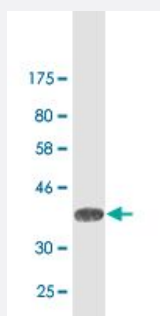


TIMM8A monoclonal antibody (M02), clone 2D12

Catalog # H00001678-M02

Size 100 ug

Applications



Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TIMM8A.
Immunogen	TIMM8A (NP_004076, 9 a.a. ~ 97 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AAGLGAVDPQLQHFIEVETQKQRFQQLVHQMTCLWEKCMDKPGPKLDSRAEACFVNCVERFI DTSQFILNRLEQTQKSKPVFSESLSD
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TIMM8A

Entrez GeneID [1678](#)

GeneBank Accession# [NM_004085](#)

Protein Accession# [NP_004076](#)

Gene Name TIMM8A

Gene Alias DDP, DDP1, DFN1, MGC12262, MTS

Gene Description translocase of inner mitochondrial membrane 8 homolog A (yeast)

Omim ID [300356 304700 311150](#)

Gene Ontology [Hyperlink](#)

Gene Summary This translocase is involved in the import and insertion of hydrophobic membrane proteins from the cytoplasm into the mitochondrial inner membrane. The gene is mutated in Mohr-Tranebjaerg syndrome/Deafness Dystonia Syndrome (MTS/DDS) and it is postulated that MTS/DDS is a mitochondrial disease caused by a defective mitochondrial protein import system. Defects in this gene also cause Jensen syndrome; an X-linked disease with opticoacoustic nerve atrophy and muscle weakness. This protein, along with TIMM13, forms a 70 kDa heterohexamer. Alternative splicing results in multiple transcript variants encoding distinct isoforms

Other Designations OTTHUMP00000023681|deafness/dystonia peptide|translocase of inner mitochondrial membrane 8 homolog A

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)

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