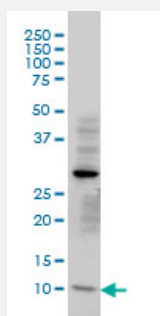


TIMM8A monoclonal antibody (M01), clone 2F11

Catalog # H00001678-M01

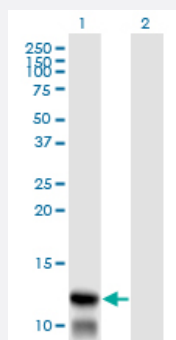
Size 100 ug

Applications



Western Blot (Cell lysate)

TIMM8A monoclonal antibody (M01), clone 2F11 Western Blot analysis of TIMM8A expression in HeLa (Cat # L013V1).

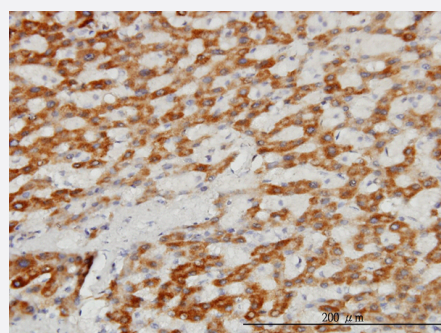


Western Blot (Transfected lysate)

Western Blot analysis of TIMM8A expression in transfected 293T cell line by TIMM8A monoclonal antibody (M01), clone 2F11.

Lane 1: TIMM8A transfected lysate(11 KDa).

Lane 2: Non-transfected lysate.

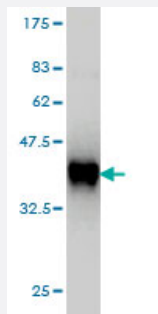
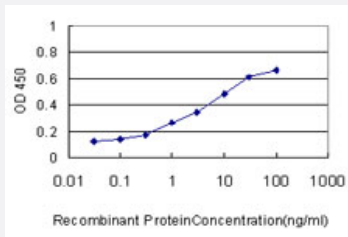


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TIMM8A on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIMM8A is approximately 0.3ng/ml as a capture antibody.



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 (Cell lysate)

TIMM8A monoclonal antibody (M01), clone 2F11 Western Blot analysis of TIMM8A expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TIMM8A expression in transfected 293T cell line by TIMM8A monoclonal antibody (M01), clone 2F11.

Lane 1: TIMM8A transfected lysate(11 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TIMM8A on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIMM8A is approximately 0.3ng/ml as a capture antibody.

[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 optic 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

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- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
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