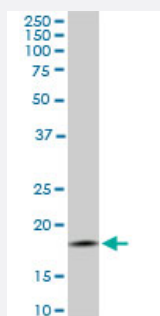


TOMM22 monoclonal antibody (M01), clone 4G4

Catalog # H00056993-M01

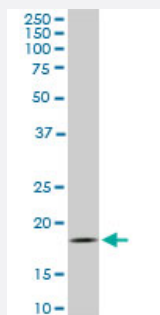
Size 100 ug

Applications



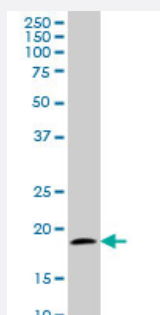
Western Blot (Cell lysate)

TOMM22 monoclonal antibody (M01), clone 4G4. Western Blot analysis of TOMM22 expression in Raw 264.7 (Cat # L024V1).



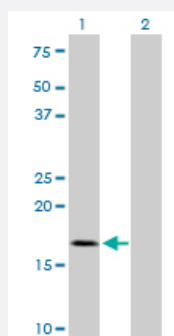
Western Blot (Cell lysate)

TOMM22 monoclonal antibody (M01), clone 4G4. Western Blot analysis of TOMM22 expression in PC-12 (Cat # L012V1).



Western Blot (Cell lysate)

TOMM22 monoclonal antibody (M01), clone 4G4 Western Blot analysis of TOMM22 expression in NIH/3T3 (Cat # L018V1).

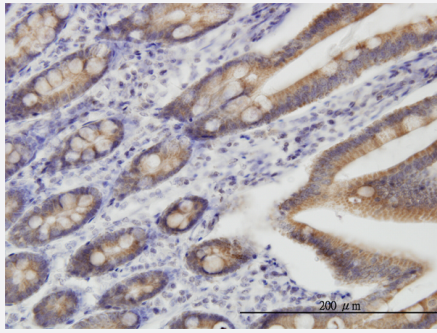


Western Blot (Transfected lysate)

Western Blot analysis of TOMM22 expression in transfected 293T cell line by TOMM22 monoclonal antibody (M01), clone 4G4.

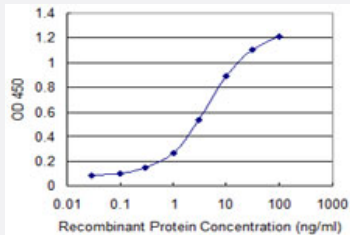
Lane 1: TOMM22 transfected lysate(15.5 KDa).

Lane 2: Non-transfected lysate.



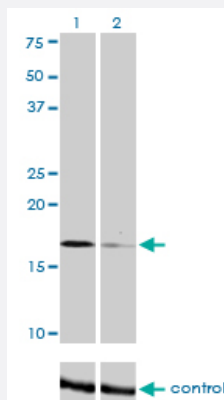
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TOMM22 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



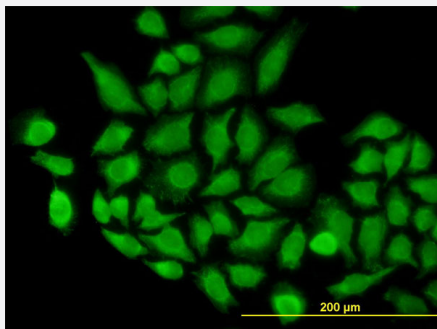
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TOMM22 is 0.1 ng/ml as a capture antibody.



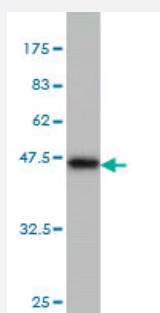
RNAi Knockdown (Antibody validated)

Western blot analysis of TOMM22 over-expressed 293 cell line, cotransfected with TOMM22 Validated Chimera RNAi (Cat # H00056993-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TOMM22 monoclonal antibody (M01), clone 4G4 (Cat # H00056993-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TOMM22 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (41.36 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TOMM22.
Immunogen	TOMM22 (AAH09363, 1 a.a. ~ 142 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAAVAAAGAGEPQSPDELLPKGDAEKPEEELEEDDDDEELDETLSERLWGLTEMFPERVRSAGATFDLSLFVAQKMYRFSRAALWIGTTSFMLVLPVVFETEKLMQEQQQQLQQRQILLGPNTGLSGMPGALPSLPGKI
Host	Mouse
Reactivity	Human, Mouse, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.36 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)

TOMM22 monoclonal antibody (M01), clone 4G4. Western Blot analysis of TOMM22 expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

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- Western Blot (Cell lysate)

TOMM22 monoclonal antibody (M01), clone 4G4 Western Blot analysis of TOMM22 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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Lane 1: TOMM22 transfected lysate(15.5 kDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

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[Protocol Download](#)

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[Protocol Download](#)

- ELISA

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TOMM22 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — TOMM22

Entrez GeneID [56993](#)

GeneBank Accession# [BC009363](#)

Protein Accession# [AAH09363](#)

Gene Name TOMM22

Gene Alias	1C9-2, MST065, MSTP065, TOM22
Gene Description	translocase of outer mitochondrial membrane 22 homolog (yeast)
Omim ID	607046
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an integral membrane protein of the mitochondrial outer membrane. The encoded protein interacts with TOMM20 and TOMM40, and forms a complex with several other proteins to import cytosolic preproteins into the mitochondrion. [provided by RefSeq]
Other Designations	mitochondrial import receptor Tom22