

Mouse TOMM22 Monoclonal Antibody | anti-TOMM22 antibody

TOMM22 (Translocase of Outer Membrane 22 kDa Subunit Homolog, Mitochondrial Import Receptor Subunit TOM22 Homolog, TOM22, hTom22, 1C9-2, MST065, MSTP065)

CATALOG # AAA24055	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry, Immunofluorescence
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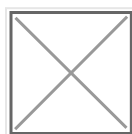
PRODUCT SYNONYMS

TOMM22; Monoclonal Antibody; TOMM22 (Translocase of Outer Membrane 22 kDa Subunit Homolog; Mitochondrial Import Receptor Subunit TOM22 Homolog; TOM22; hTom22; 1C9-2; MST065; MSTP065); Anti -TOMM22 (Translocase of Outer Membrane 22 kDa Subunit Homolog; anti-TOMM22 antibody)

PRODUCT SPECIFICATIONS

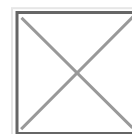
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4G4
Specificity	Recognizes human TOMM22. Species Crossreactivity: mouse and rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	MAAAVAAAGA GEPQSPDELL PKGDAEKPEE ELEEDDDEEL DETLSERLWG LTEMFPERVR SAAGATFDLS LFVAQKMYRF SRAALWIGTT SFMILVPVW FETEKLQMEQ QQQLQQRQIL LGPNTGLSGG MPGALPSLPG KI
Applicable Applications for anti-TOMM22 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Suitable for use in Immunofluorescence, ELISA, Western Blot and Immunohistochemistry. Dilution: Immunofluorescence: 10ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 3ug/ml
Immunogen	Full length recombinant corresponding to aa1-143 from human TOMM22 (AAH09363) with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)

Western Blot analysis of TOMM22 expression in transfected 293T cell line by TOMM22 monoclonal antibody. Lane 1: TOMM22 transfected lysate (15.5kD). Lane 2: Non-transfected lysate.



WB (Western Blot)

TOMM22 monoclonal antibody. Western Blot analysis of TOMM22 expression in PC-12.



WB (Western Blot)

Western blot analysis of TOMM22 over-expressed 293 cell line, cotransfected with TOMM22 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with TOMM22 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



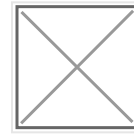
Application Data

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



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-TOMM22 antibody

[Antibodies](#); [Abs to Enzymes](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	548960731
NCBI GeneID	102137054
NCBI Accession #	NP_001272071.1
NCBI GenBank Nucleotide #	NM_001285142.1
NCBI Official Full Name	translocase of outer mitochondrial membrane 22 homolog
NCBI Official Symbol	TOMM22
NCBI Protein Information	translocase of outer mitochondrial membrane 22 homolog; mitochondrial import receptor subunit TOM22 homolog

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tomm22-antibody-clone-4g4-western-blot-immunohistochemistry-immunofluorescence-elisa/24055>