

Mouse TOMM22 Monoclonal Antibody | anti-TOMM22 antibody

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24684	Mouse	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

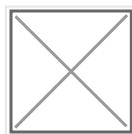
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

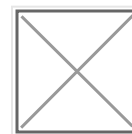
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4G4
Specificity	Recognizes human TOMM22. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-TOMM22 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-143 from human TOMM22 (AAH09363) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAAAVAAAGAGEPQSPDELLPKGDAEKPEEELEEDDDEELDETLSERLWGLTEMFPERVRSAGATFDLSLFVAQKMYRFSRAALWIGTTSFMLVLPV
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial 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.



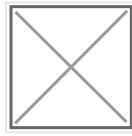
WB (Western Blot)

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.



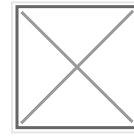
Application Data

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](#); [Enzymes](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	39644866
NCBI GeneID	56993
Molecular Weight	15,522 Da
NCBI Official Full Name	Homo sapiens translocase of outer mitochondrial membrane 22 homolog (yeast), mRNA
NCBI Official Synonym Full Names	translocase of outer mitochondrial membrane 22
NCBI Official Symbol	TOMM22
NCBI Official Synonym Symbols	1C9-2; TOM22; MST065; MSTP065
NCBI Protein Information	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-immunofluorescence-immunohistochemistry-western-blot-elisa/24684>