

Mouse anti-Mouse, Rat TOMM22 Monoclonal Antibody | anti-TOMM22 antibody

TOMM22 (TOM22, Mitochondrial import receptor subunit TOM22 homolog, 1C9-2, Translocase of outer membrane 22kD subunit homolog)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24052	Mouse	Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

TOMM22; Monoclonal Antibody; TOMM22 (TOM22; Mitochondrial import receptor subunit TOM22 homolog; 1C9-2; Translocase of outer membrane 22kD subunit homolog); Anti -TOMM22 (TOM22; anti-TOMM22 antibody)

PRODUCT SPECIFICATIONS

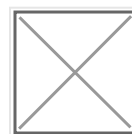
Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Specificity	Recognizes human TOMM22. Species Crossreactivity: Mouse, rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Applicable Applications for anti-TOMM22 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Suitable for use in Immunofluorescence, Western Blot, Immunohistochemistry. Dilution: Immunofluorescence: 10ug/ml Immunohistochemistry (Paraffin): 10ug/ml
Immunogen	Full length recombinant protein corresponding to aa1-143 from human TOMM22, GST tag.
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



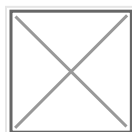
Application Data

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



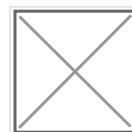
IF (Immunofluorescence)

Immunofluorescence of monoclonal to TOMM22 on HeLa



WB (Western Blot)

Western Blot analysis of TOMM22 expression in Raw

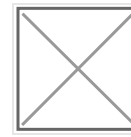


WB (Western Blot)

Western Blot analysis of TOMM22 expression in PC-12.

**WB (Western Blot)**

Western Blot analysis of TOMM22 expression in NIH/3T3.

**IHC (Immunohistochemistry)**

TOMM22 (10ug/ml) was used in IHC to stain formalin-fixed, paraffin- embedded human liver, hepatocytes, followed by biotinylated horse, mouse IgG, alkaline phosphatase-streptavidin and chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-TOMM22 antibody	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.
Product Categories/Family for anti-TOMM22 antibody	Antibodies ; Abs to Mitochondrial Proteins

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/tomm22-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/24052>