Mouse TOMM34 Monoclonal Antibody | anti-TOMM34 antibody

TOMM34 antibody

CATALOG #	HOST	APPLICATIONS
AAA108003	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

TOMM34; Monoclonal Antibody; TOMM34 antibody; Monoclonal TOMM34; Anti-TOMM34; Translocase of outer mitochondrial membrane 34; HTOM34P; TOM34; Translocase of outer membrane 34 kDa subunit; hTom34; TOMM 34; TOMM-34; anti-TOMM34 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B4
Purity/Purification	TOMM34 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	309
Applicable Applications for anti-TOMM34 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	TOMM34 is involved in the import of precursor proteins into mitochondria. The encoded protein has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. This protein, which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane, has a weak ATPase activity and contains 6 TPR repeats.
Cross-Reactivity	Human
Immunogen	TOMM34 antibody was raised in mouse using a full length recombinant protein of human TOMM34 (NP_006800) produced in HEK293 cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant TOMM34 protein using TOMM34 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TOMM34 protein (Right) or empty vector (Left) detected with TOMM34 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant TOMM34 protein (red) or empty vector (blue) stained using TOMM34 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TOMM34 antibody	Mouse monoclonal TOMM34 antibody
Product Categories/Family for anti-TOMM34 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145647
UniProt Accession #	Q15785; Q53GH9; Q6IBN7; Q9NTZ3
Molecular Weight	34,559 Da
NCBI Official Full Name	TOMM34
UniProt Protein Name	Mitochondrial import receptor subunit TOM34
UniProt Gene Name	**TOMM34**
UniProt Synonym Gene Names	URCC3; hTom34
UniProt Entry Name	TOM34_HUMAN

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/tomm34-antibody-clone-1b4-western-blot-immunofluorescence-flow-cytometry-elisa/108003