

Mouse TMOD1 Monoclonal Antibody | anti-TMOD1 antibody

TMOD1 antibody

CATALOG # AAA107376	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

TMOD1; Monoclonal Antibody; TMOD1 antibody; Monoclonal TMOD1; Anti-TMOD1; D9S57E; ETMOD; TMOD; TMOD 1; TMOD-1; anti-TMOD1 antibody

PRODUCT SPECIFICATIONS

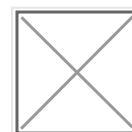
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2C2
Purity/Purification	TMOD1 antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS, pH 7.3 with 1% BSA, 50% Glycerol and 0.02% NaN ₃
Concentration	0.86 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-TMOD1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	This gene encodes a member of the tropomodulin family. The encoded protein is an actin-capping protein that regulates tropomyosin by binding to its N-terminus, inhibiting depolymerization and elongation of the pointed end of actin filaments and thereby influencing the structure of the erythrocyte membrane skeleton.
Cross-Reactivity	Human, Rat, Monkey, Mouse
Immunogen	Full length human recombinant protein of human TMOD1 produced in HEK293T cell.
Preparation and Storage	Shipping: Blue ice. Upon receipt store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of TMOD1 protein in paraffin embedded Human tonsil tissue using TMOD1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TMOD1 protein (Right) or empty vector (Left) detected with TMOD1 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TMOD1 protein using TMOD1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TMOD1 antibody	Mouse monoclonal TMOD1 antibody
Product Categories/Family for anti-TMOD1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	11230778
NCBI GeneID	21916
NCBI Accession #	NP_068683.1
NCBI GenBank Nucleotide #	NM_021883.2
UniProt Accession #	P49813 ; Q3KP84 ; Q9ERR9
NCBI Official Full Name	tropomodulin-1
NCBI Official Synonym Full Names	tropomodulin 1
NCBI Official Symbol	Tmod1
NCBI Official Synonym Symbols	Tmod; E-Tmod
NCBI Protein Information	tropomodulin-1
UniProt Protein Name	Tropomodulin-1
UniProt Gene Name	Tmod1
UniProt Synonym Gene Names	Tmod; E-Tmod
UniProt Entry Name	TMOD1_MOUSE

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/tmod1-antibody-clone-2c2-western-blot-immunohistochemistry-immunofluorescence-elisa/107376>