Mouse TMOD1 Monoclonal Antibody | anti-TMOD1 antibody

TMOD1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106968	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

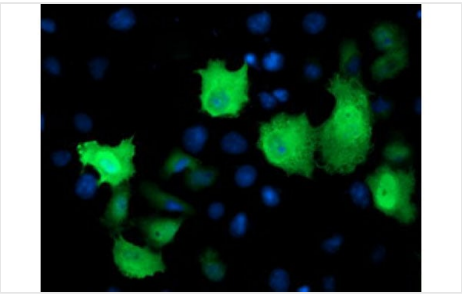
PRODUCT SYNONYMS

TMOD1; Monoclonal Antibody; TMOD1 antibody; Monoclonal TMOD1; Anti-TMOD1; Tropomodulin 1; TMOD; ETMOD; Erythrocyte tropomodulin; D9S57E; E-tropomodulin; TMOD 1; TMOD-1; anti-TMOD1 antibody

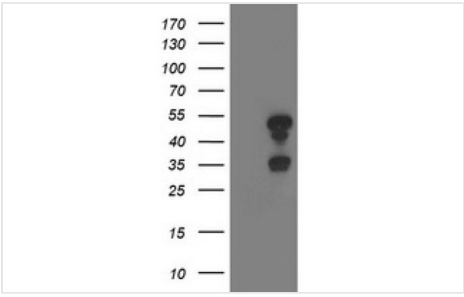
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6D3
Purity/Purification	TMOD1 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	359
Applicable Applications for anti-TMOD1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	TMOD1 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
Immunogen	TMOD1 antibody was raised in mouse using a full length recombinant protein of human TMOD1 (NP_003266) 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 TMOD1 protein 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

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 #	4507553
NCBI GeneID	7111
NCBI Accession #	NP_003266
NCBI GenBank Nucleotide #	NM_003275.3
UniProt Accession #	P28289; Q5T7W3; Q9BUF1; B2RB77
Molecular Weight	26,014 Da
NCBI Official Full Name	tropomodulin-1
NCBI Official Synonym Full Names	tropomodulin 1
NCBI Official Symbol	TMOD1
NCBI Official Synonym Symbols	TMOD; ETMOD; D9S57E
NCBI Protein Information	tropomodulin-1
UniProt Protein Name	Tropomodulin-1
UniProt Gene Name	**TMOD1**
UniProt Synonym Gene Names	D9S57E; TMOD; E-Tmod
UniProt Entry Name	TMOD1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/tmod1-antibody-clone-6d3-western-blot-immunofluorescence-flow-cytometry-elisa/106968