Mouse anti-Human Troponin T Monoclonal Antibody | anti-Tnnt2 antibody

Troponin T antibody (Cardiac)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74329	**Mouse**	**Human**	**ELISA**

PRODUCT SYNONYMS

Troponin T; Monoclonal Antibody; Troponin T antibody (Cardiac); Monoclonal Troponin T (Cardiac); Anti-Troponin T (Cardiac); anti-Tnnt2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M40283
Specificity	Human
Purity/Purification	Troponin T antibody (Cardiac) was purified by chromatography on protein A Sepharose.
Form/Format	Purified by protein A chromatography and supplied in PBS, pH 7.4, with 0.1% NaN3.
Sequence Length	289
Applicable Applications for anti-Tnnt2 antibody	ELISA
Biological Significance	Troponin T is a part of the troponin complex. It binds to tropomyosin, interlocking them to form a troponin-tropomyosin complex. Troponin T binds to tropomyosin and helps position it on actin. It also modulates contraction of striated muscle. The tissue specific subtypes are slow skeletal troponin T1, cardiac troponin T2, and fast skeletal troponin T3.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Troponin T antibody (cardiac) was raised in mouse using free human cTnT as the immunogen.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-Tnnt2 antibody	Mouse monoclonal Troponin T antibody (Cardiac)
Product Categories/Family for anti-Tnnt2 antibody	Cardiac Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	207522
NCBI GeneID	24837
UniProt Accession #	P50753

Molecular Weight	34,452 Da
NCBI Official Full Name	troponin T
NCBI Official Synonym Full Names	troponin T type 2 (cardiac)
NCBI Official Symbol	Tnnt2
NCBI Official Synonym Symbols	Ctt; CTTG; Tnnt3; RATCTTG
NCBI Protein Information	troponin T, cardiac muscle
UniProt Protein Name	Troponin T, cardiac muscle
UniProt Gene Name	**Tnnt2**
UniProt Synonym Gene Names	TnTc; cTnT
UniProt Entry Name	TNNT2_RAT

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/troponin-t-antibody-clone-m40283-elisa/74329