

Mouse Troponin T Monoclonal Antibody | anti-Tnnt2 antibody

Troponin T antibody (Cardiac)

CATALOG # AAA74328	HOST Mouse	REACTIVITY Human cardiac Troponin T 100%Human skeletal Troponin T 0%	APPLICATIONS ELISA
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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 cardiac Troponin T 100% Human skeletal Troponin T 0%
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	M401134
Specificity	Human
Purity/Purification	Troponin T antibody (Cardiac) was purified by chromatography on protein A Sepharose.
Form/Format	Purified IgG in PBS buffer, pH 7.4, 0.09% NaN ₃
Concentration	5.8 mg/mL (varies by lot)
Sequence Length	289
Applicable Applications for anti-Tnnt2 antibody	ELISA
Immunogen	Human Cardiac Troponin T
Affinity Constant	Not tested
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.
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.
Preparation and Storage	Store at 4°C for short term, -20°C for longer storage.

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
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-m401134-elisa/74328>