

Troponin T, Cardiac Muscle (TNNT2) Antibody

Catalogue No.: abx411088

Troponin T, Cardiac Muscle (TNNT2) Antibody is a Mouse Monoclonal antibody against Troponin T, Cardiac Muscle (TNNT2) Isoform 1. The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined.

Target:	Troponin T, Cardiac Muscle (TNNT2)
Research Area:	Cardiovascular Biology
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Mouse
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P45379-1 (UniProt , ExPASy)
Gene Symbol:	TNNT2
GeneID:	7139
OMIM:	115195
NCBI Accession:	NP_001263274.1, NM_001276345.1

Datasheet

Version: 3.0.0

Revision date: 24 Aug 2025



HGNC: 11949

Ensembl: ENST00000236918; ENSP00000236918; ENSG00000118194

String: [9606.ENSP00000236918](#)

Buffer: PBS. Contains sodium azide.

Concentration: 1.0 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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