

Datasheet for ABIN7193973

anti-Cardiac Troponin T2 antibody (AA 1-295)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Cardiac Troponin T2 (cTnT)
Binding Specificity:	AA 1-295
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cardiac Troponin T2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	TNNT2 Antibody
Immunogen:	Purified recombinant fragment of human TNNT2 (AA: 1-295) expressed in E. Coli.
Clone:	4B1D5
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	Cardiac Troponin T2 (cTnT)
Alternative Name:	TNNT2 (cTnT Products)
Background:	The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex,

Target Details

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.

Molecular Weight:	35.9 kDa
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Gene ID:	7139
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UniProt:	P45379
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Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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