Product Data Sheet
troponin T2 Mouse Monoclonal Antibody

Product name:	troponin T2 Mouse Monoclonal Antibody
Cat number:	MABN81128
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified recombinant fragment of human troponin T2 expressed in E. Coli.
Reactivity:	Human
Applications:	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight:	36kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Synonyms:	CMH2; RCM3; TnTC; cTnT; CMPD2; LVNC6
Background:	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.