

Mouse Monoclonal Antibody to troponin T2

Catalogue Number	sAP-0711
Target Molecule	<p>Name: troponin T2</p> <p>Aliases: CMH2; RCM3; TnTC; cTnT; CMPD2; LVNC6</p> <p>MW: 36kDa</p> <p>Entrez Gene ID: 7139</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human troponin T2 expressed in E. Coli. ;
Recitative Species	Human
Clone	MM1G1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	Cardiovasc Res. 2010 Jun 1;86(3):452-60. ; Circ Cardiovasc Genet. 2009 Aug;2(4):306-13. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**