

产品名称: TNNT2 Mouse Monoclonal Antibody
产品货号: AMM82869



产品概述 (Summary)

产品名称 (Production Name)	TNNT2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TNNT2
别名 (Alternative Names)	CMH2; RCM3; TnTC; cTnT; CMD1D; CMPD2; LVNC6
基因 ID (Gene ID)	7139.0
蛋白 ID (SwissProt ID)	P45379. Purified recombinant fragment of human TNNT2 (AA: full 1-295) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	35.9kDa

研究背景 (Background)

The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex, which is located on the thin

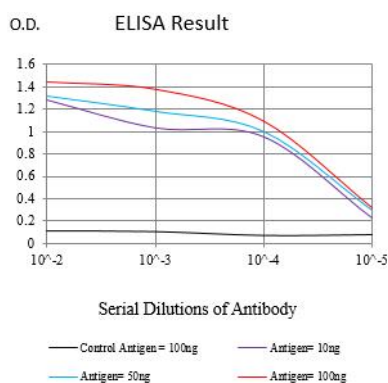
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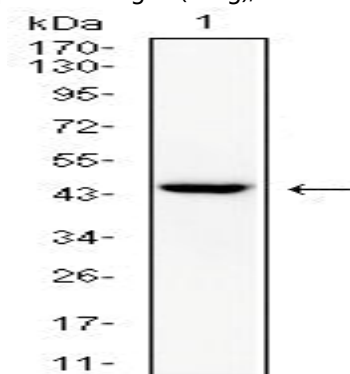
filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined.

研究领域 (Research Area)

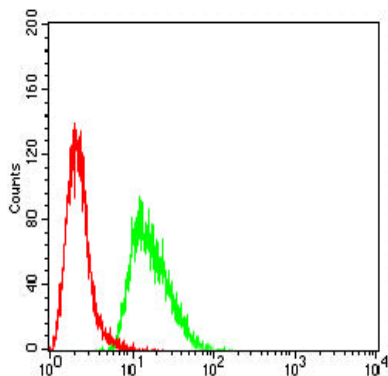
图片 (Image Data)



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



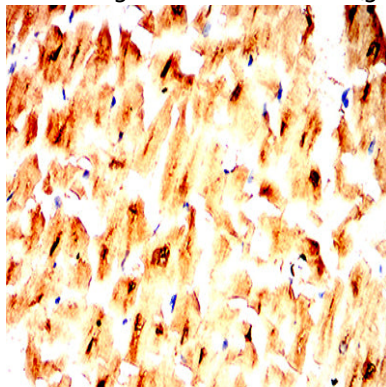
Western blot analysis using TNNT2 mouse mAb against mouse heart (1) cell lysate.



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Flow cytometric analysis of Hale cells using TNNT2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human myocardium tissues using TNNT2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .