

产品名称: cTnI Mouse Monoclonal Antibody
产品货号: AMM80531



产品概述 (Summary)

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

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)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	cTnI
别名 (Alternative Names)	CMH7; RCM1; cTnI; CMD2A; TNNC1
基因 ID (Gene ID)	7137.0
蛋白 ID (SwissProt ID)	P19429.Purified recombinant fragment of cTnI expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	/

研究背景 (Background)

cTnI has an apparent molecular weight of 22.5 kDa. cTnI is a candidate marker with acceptable sensitivity and specificity for AMI and other cardiac diseases. Troponin, a molecule that binds to the thin filament (actin) of striated muscle fibers, acts

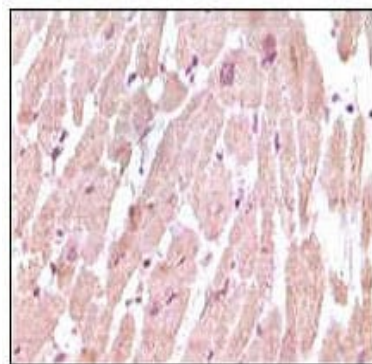
产品名称: cTnI Mouse Monoclonal Antibody
产品货号: AMM80531



with intracellular calcium to control the interaction of the thin filament with the thick filament (myosin), thus regulating muscle contraction. Troponin I prevents muscle contraction in the absence of calcium, which has two skeletal muscle isoforms with considerable amino acid sequence homology. cTnI contains an additional N-terminal sequence and is highly specific for myocardium.

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human normal cardiac muscle tissue, showing cytoplasmic localization using cTnI mouse mAb with DAB staining.

注意事项 (Note)

For research use only .