

产品名称: MYL2 Rabbit Monoclonal Antibody
产品货号: AMRe85822



产品概述 (Summary)

产品名称 (Production Name)	MYL2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
种属反应性 (Reactivity)	Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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 TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MYL2
别名 (Alternative Names)	Myosin regulatory light chain 2; ventricular/cardiac muscle isoform; MLC-2; MLC-2v
基因 ID (Gene ID)	4633.0
蛋白 ID (SwissProt ID)	P10916.A synthetic peptide of human Myosin Light Chain 2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 19 kDa; Observed MW: 19 kDa

研究背景 (Background)

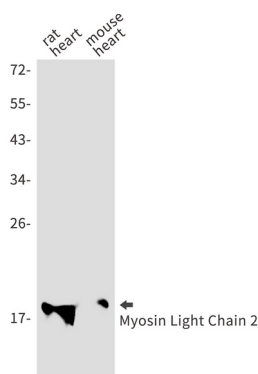
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Myosin is composed of six polypeptide chains: two identical heavy chains and two pairs of light chains. Myosin light chain 2 (MLC2), also known as myosin regulatory light chain (MRLC), RLC, or LC20, has many isoforms depending on its distribution. In smooth muscle, MLC2 is phosphorylated at Thr18 and Ser19 by myosin light chain kinase (MLCK) in a Ca²⁺/calmodulin-dependent manner.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of Myosin Light Chain 2 in rat heart, mouse heart lysates using MYL2 antibody.

注意事项 (Note)

For research use only .