

产品名称: Myoglobin Mouse Monoclonal Antibody
产品货号: AMM80561



产品概述 (Summary)

产品名称 (Production Name)	Myoglobin 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)	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)	Myoglobin
别名 (Alternative Names)	PVALB; MGC13548; MB
基因 ID (Gene ID)	4151.0
蛋白 ID (SwissProt ID)	P02144.Purified recombinant fragment of Myoglobin 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)

Myoglobin (MB), with 154-amino acid protein (about 17kDa), is a member of the globin superfamily and expression of myoglobin is highest in skeletal and cardiac muscle. Functionally, myoglobin is well accepted as an O₂-storage protein in

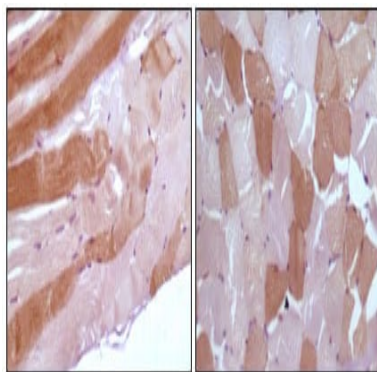
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muscle, capable of releasing O₂ during periods of hypoxia or anoxia. Myoglobin is also thought to buffer intracellular O₂ concentration when muscle activity increases and to facilitate intracellular O₂ diffusion by providing a parallel path that augments simple diffusion of dissolved O₂. Furthermore, myoglobin is used together with cTnI or cTnT in clinical practise for better specificity in AMI diagnosis.

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue showing cytoplasmic localization using anti-Myoglobin antibody with DAB staining.

注意事项 (Note)

For research use only .