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MyoD Mouse mAb

货号: AYT1190

产品信息

反应	Human,Mouse,Rat
宿主	Mouse
克隆性	Monoclonal
预测反应	
应用	WB, IHC, ICC/IF
推荐浓度	**WB:** 1:1000 - 1:3000 **IHC 1:100-500:** **IF 1:100-500:**
理论分子量	34kDa
实测分子量	45KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	RD
细胞定位	Nucleus
纯化	Affinity purification

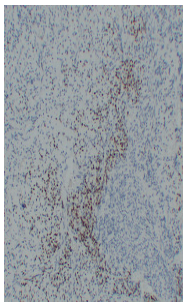
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human MyoD1 (NP_002469.2).

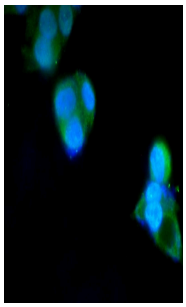
靶点信息

研究背景	This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis.
基因ID	4654
基因名	MYOD1
Swiss	P15172 (https://www.uniprot.org/uniprotkb/P15172/entry)
别名	MYOD1,MYF3,MYOD,PUM,bHLHc1,MyoD Mouse mAb

产品验证



Immunohistochemical analysis of paraffin-embedded Rhabdomyosarcoma.，MyoD Antibody was diluted at 1:200



Immunofluorescence analysis of HepG2 cells labelling MyoD with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-MouseIgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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