ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Mouse Monoclonal Antibody to MYOD1

Cataloge Number	sAP-0456
Target Molecule	**Name: MYOD1** **Aliases:** PUM; MYF3; MYOD; bHLHc1; MYOD1 **MW: 34kDa** **Entrez Gene ID: 4654**
Descrption	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.
Immunogen	Purified recombinant fragment of human MYOD1 expressed in E. Coli.
Recitative Species	Human
Clone	MM1C8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstitued with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. EMBO J. 2006 Jul 26;25(14):3323-34. ; 2. Mech Dev. 2007 Sep-Oct;124(9-10):715-28. ; 3. Mol Cell Biol. 2009 Apr;29(7):1909-21.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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