

## Product datasheet for **AM06516SU-N**

### **MYOD1 Mouse Monoclonal Antibody [Clone ID: 1C8]**

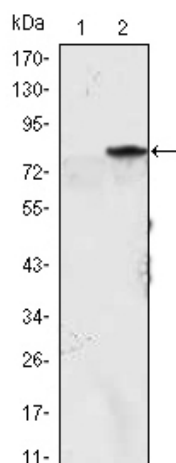
#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	1C8
Applications:	ELISA, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Western Blot:</b> 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human MYOD1 expressed in E. Coli.
Specificity:	Recognizes MYOD1
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	34 kDa
Gene Name:	myogenic differentiation 1
Database Link:	<a href="#">Entrez Gene 4654 Human P15172</a>
Background:	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.
Synonyms:	MYF3, MYOD, Myoblast determination protein 1, Myogenic factor 3, BHLHC1



[View online »](#)

## Product images:



Western blot analysis using MYOD1 antibody Cat.-No AM06516SU-N against HEK293 (1) and MYOD1 (AA: 1-200)-hIgGFc transfected HEK293 (2) cell lysate.