

Datasheet for ABIN1539999
anti-MYOD1 antibody (N-Term)



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1 Image

Overview

Quantity:	0.1 mL
Target:	MYOD1
Binding Specificity:	AA 105-134, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYOD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MyoD1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 105-134 amino acids from the N-terminal region of human MyoD1.
Clone:	598CT21-2-4
Isotype:	IgM
Predicted Reactivity:	B, M, Pig, Rat, Sh, X
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	MYOD1
Alternative Name:	MyoD1 (MYOD1 Products)

Target Details

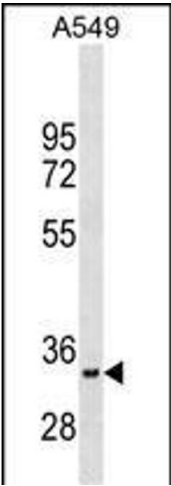
Background:	This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis.
Molecular Weight:	34501
Gene ID:	4654
NCBI Accession:	NP_002469
UniProt:	P15172
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:100~2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	MyoD1 Antibody (N-term)(Ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. MyoD1 Antibody (N-term)(Ascites) ABIN1539999 western blot analysis in A549 cell line lysates (35 μ g/lane). This demonstrates the MyoD1 antibody detected the MyoD1 protein (arrow).