

Datasheet for ABIN969305

anti-MYOD1 antibody[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	100 µL
Target:	MYOD1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYOD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human MYOD1 expressed in E. coli.
Clone:	1C8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	MYOD1
Alternative Name:	MYOD1 (MYOD1 Products)
Background:	Description: 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

Target Details

	commitment to myogenesis. Aliases: PUM, MYF3, MYOD, bHLHc1, MYOD1
Molecular Weight:	34 kDa
Gene ID:	4654
HGNC:	4654
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

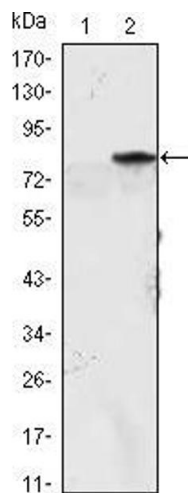
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % 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:	4°C, -20°C for long term storage

Publications

Product cited in:	Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in oral lichen planus." in: Journal of oral science , Vol. 51, Issue 3, pp. 355-65, (2009) (PubMed).
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Western Blotting

Image 1. Western blot analysis using MYOD1 mAb against HEK293 (1) and MYOD1(AA: 1-200)-hlgGFc transfected HEK293 (2) cell lysate.