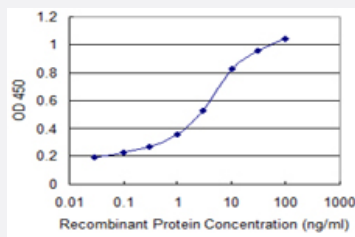


MYOD1 monoclonal antibody (M01), clone 1A7

Catalog # H00004654-M01

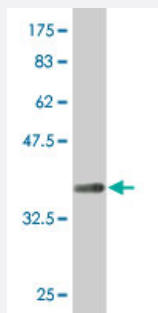
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYOD1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MYOD1.
Immunogen	MYOD1 (NP_002469, 211 a.a. ~ 320 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDYSGPPSGARRRNCYEGAYYNEAPSEPRPGKSAAVSSLDCLSSIVERISTESPAAPALLLADVP SESPPRRQEAAAPSEGESSGDPTQSPDAAPQCPAGANPNPIYQVL
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.84 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYOD1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — MYOD1

Entrez GeneID

[4654](#)

GeneBank Accession#

[NM_002478](#)

Protein Accession#

[NP_002469](#)

Gene Name

MYOD1

Gene Alias

MYF3, MYOD, PUM, bHLHc1

Gene Description

myogenic differentiation 1

Omim ID

[159970](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

myoblast determination protein 1|myogenic factor 3

Disease

- [Carotid Artery Diseases](#)
- [Plaque](#)