

MYOD1 antibody

Product Information

Catalog No.:	FNab05512
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	9G11
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYF5 and MYOG, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Interacts with and is inhibited by the twist protein. This interaction probably involves the basic domains of both proteins(By similarity).

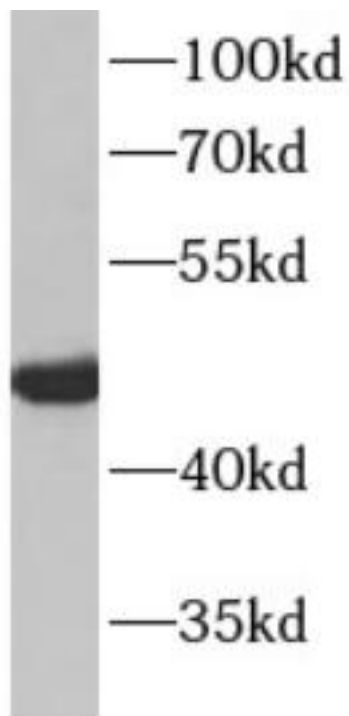
Immunogen information

Immunogen:	myogenic differentiation 1
Synonyms:	Myoblast determination protein 1 Class C basic helix-loop-helix protein 1 (bHLHc1) Myogenic factor 3 (Myf-3) MYOD1 BHLHC1 MYF3 MYOD
Observed MW:	47 kDa
Uniprot ID :	P15172

Application

Reactivity:	Human
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab05512(MYOD1 Antibody) at dilution of 1:1000