

## MYOD1 antibody

### Product Information

Catalog No.:	FNab05511
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
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).

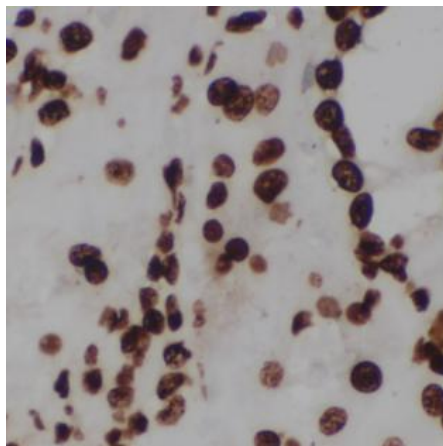
### Immunogen information

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

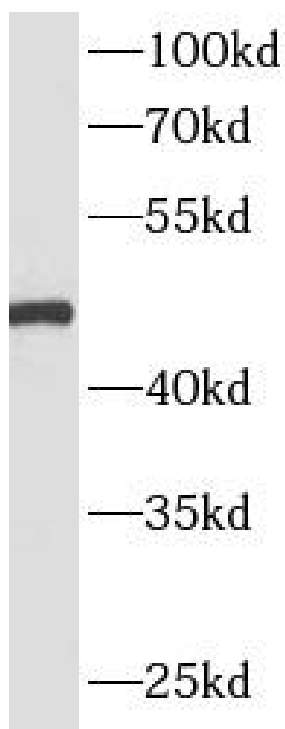
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:3000; IHC: 1:50-1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab05511(MYOD1 antibody) at dilution of 1:100



mouse heart were subjected to SDS PAGE followed by western blot with FNab05511(MYOD1 Antibody) at dilution of 1:2000.