

Anti-MyoD1/Myod Rabbit Monoclonal Antibody

Catalog # ABO13762

Product Information

Application	WB, IP, FC
Primary Accession	P15172
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-MyoD1/Myod Rabbit Monoclonal Antibody . Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

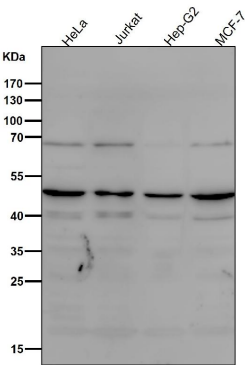
Gene ID	4654
Other Names	Myoblast determination protein 1, Class C basic helix-loop-helix protein 1, bHLHC1, Myogenic factor 3, Myf-3, MYOD1, BHLHC1, MYF3, MYOD
Calculated MW	34501
Application Details	WB 1:500-1:2000 IP 1:50 FC 1:50
Subcellular Localization	Nucleus.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AABF-13
Immunogen	A synthesized peptide derived from human MyoD1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

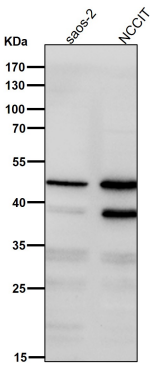
Name	MYOD1
Synonyms	BHLHC1, MYF3, MYOD

Function	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).
Cellular Location	Nucleus.

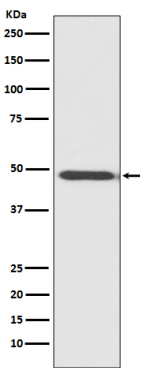
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of MyoD1 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.