

Product Datasheet

MyoD1 Antibody (Center) (orb1937301)

Catalog Number	orb1937301
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	MYOD1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This MyoD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-240 amino acids from the Central region of human MyoD1. Antigen Region: 211-240 aa.
UniProt ID	P15172
MW	34501 Da
Tested applications	IF, WB
Dilution range	IF - 1:25, WB - 1:4000

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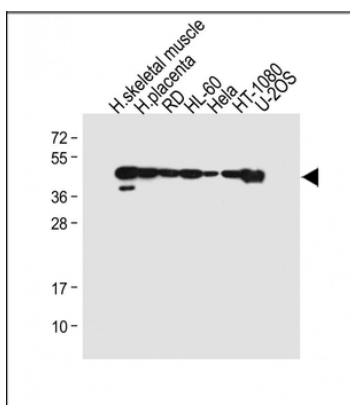
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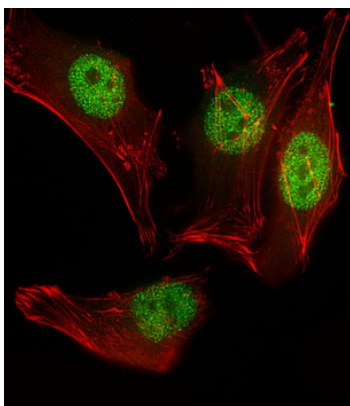
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_002469.2
Expiration Date	12 months from date of receipt.



All lanes: Anti-MyoD1 Antibody (Center) at 1:4000 dilution. Lane 1: Human skeletal muscle tissue lysate. Lane 2: Human placenta tissue lysate. Lane 3: RD whole cell lysate. Lane 4: HL-60 whole cell lysate. Lane 5: Hela whole cell lysate. Lane 6: HT-1080 whole cell lysate. Lane 7: U-2OS whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 35 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized Hela cells labeling MYOD1 at 1/25 dilution, followed by Dylight 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus staining on Hela cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin (red). The nuclear counter stain is DAPI (blue).

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