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35-1075: Polyclonal Antibody to MyoD (Phospho-Ser200)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	MYOD1
Gene ID :	4654
Uniprot ID :	P15172
Format :	Purified
Alternative Name :	MYF3, MYOD, MYOD1
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 200 (A-S-S(p)-P-R) derived from Human MyoD.

Description

MyoD 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.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 40kd, Western blotting: 1:500~1:1000

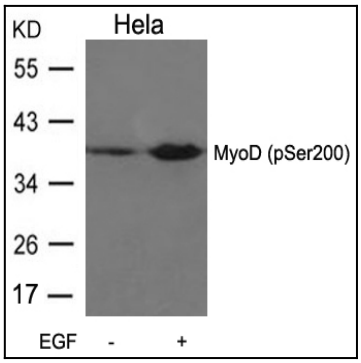

Figure 1: Western blot analysis of extracts from Hela cells untreated or treated with EGF using MyoD(Phospho-Ser200) Antibody 35-1075 .

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