

MyoD(Phospho-Ser200) Antibody

Catalog No: #11077



Package Size: #11077-1 50ul #11077-2 100ul #11077-4 25ul

Overview

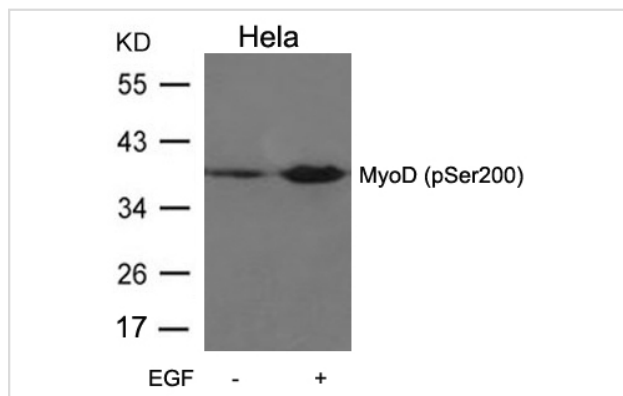
Product Name	MyoD(Phospho-Ser200) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	MyoD
Modification	Phospho-Ser200
Alternative Names	MYF3; MYOD; MYOD1

Application Details

Predicted MW: 40kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HeLa cells untreated or treated with EGF using MyoD(Phospho-Ser200) Antibody #11077.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine 200 (A-S-S(p)-P-R) derived from Human MyoD.
Specificity	The antibody detects endogenous level of MyoD only when phosphorylated at serine 200.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P15172NCBI Protein: NP_002469.2

Related Information

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.

Emmanuel G, et al. J. Biol. Chem., Jun 2000; 275: 18767 - 18776

Tintignac LA, et al. Mol Cell Biol. 2004 Feb; 24(4): 1809-1821.

Kitzmann M, et a. Mol Cell Biol. 1999 Apr; 19(4): 3167-3176.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.