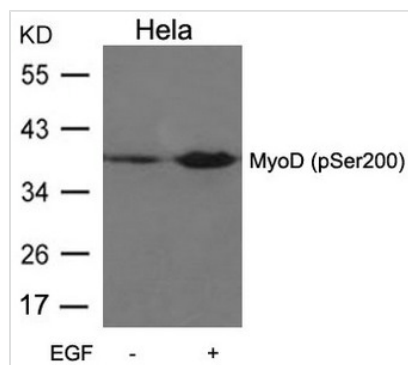




Phospho-MYOD1 (Ser200) Antibody

Product Code	CSB-PA165049
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P15172
Immunogen	Peptide sequence around phosphorylation site of serine 200 (A-S-S(p)-P-R) derived from Human MyoD.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of MyoD only when phosphorylated at serine 200.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	MyoD encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and themyogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite formyogenic 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.
Form	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.
Purification Method	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 chromatogramphy usi
Clonality	Polyclonal
Alias	MYF3; MYOD; MYOD1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MYOD1
Image	



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

Product Modify

Phospho-Ser200