

## Product datasheet for **TA333019**

### MYOD1 Rabbit Polyclonal Antibody

#### Product data:

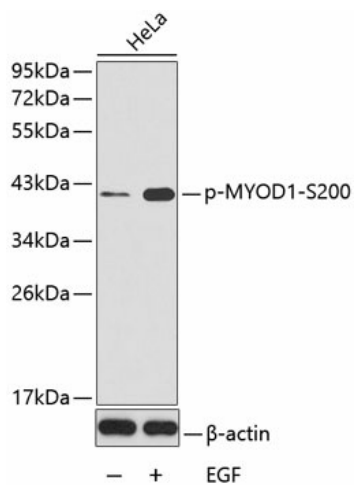
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A phospho specific peptide corresponding to residues surrounding S200 of human MYOD1
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	320
Gene Name:	myogenic differentiation 1
Database Link:	<a href="#">NP_002469</a> <a href="#">Entrez Gene 17927 Mouse</a> <a href="#">Entrez Gene 337868 Rat</a> <a href="#">Entrez Gene 4654 Human</a> <a href="#">P15172</a>
Background:	This gene 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.
Synonyms:	bHLHc1; MYF3; MYOD; PUM



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Protein Families: Druggable Genome, Transcription Factors

### Product images:



Western blot analysis of extracts from HeLa cells using Phospho-MYOD1-S200 antibody (TA333019). | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA.