

## Product datasheet for **TA807820**

### Myostatin Propeptide (MSTN) Mouse Monoclonal Antibody [Clone ID: OTI2D10]

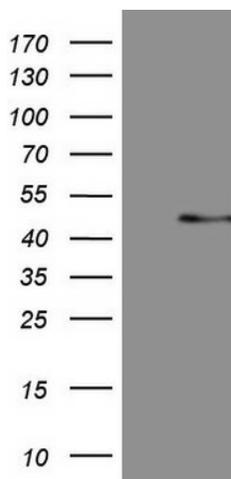
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D10
Applications:	WB
Recommend Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 24-266 of human MSTN(NP_005250) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	42.6 kDa
Gene Name:	myostatin
Database Link:	<a href="#">NP_005250 Entrez Gene 2660 Human</a>
Background:	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. This gene is thought to encode a secreted protein which negatively regulates skeletal muscle growth. [provided by RefSeq, Jul 2008]
Synonyms:	GDF8; MSLHP
Protein Families:	Druggable Genome, Secreted Protein



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## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MSTN ([RC210368], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MSTN (1:500). Positive lysates [LY401622] (100ug) and [LC401622] (20ug) can be purchased separately from OriGene.