GDF-8 Monoclonal Antibody

Catalog No :	YM0303
Reactivity :	Human
Applications :	WB;ELISA
Target :	GDF-8
Fields :	>>Cytokine-cytokine receptor interaction
Gene Name :	MSTN
Protein Name :	Growth/differentiation factor 8
Human Gene Id :	2660
Human Swiss Prot No :	O14793
Mouse Swiss Prot No :	O08689
Immunogen :	Purified recombinant fragment of GDF-8 expressed in E. Coli.
Specificity :	GDF-8 Monoclonal Antibody detects endogenous levels of GDF-8 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	43kD
P References :	1. Clin Chim Acta. 2008 May;391(1-2):115-7.

2. Folia Morphol (Warsz). 2008 Feb;67(1):6-12.

Background : myostatin(MSTN) Homo sapiens This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein negatively regulates skeletal muscle cell proliferation and differentiation. Mutations in this gene are associated with increased skeletal muscle mass in humans and other mammals. [provided by RefSeq, Jul 2016],

Function : function:Acts specifically as a negative regulator of skeletal muscle growth.,online information:Myostatin entry,similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked (By similarity). Interacts with WFIKKN2, leading to inhibit its activity.,

Subcellular Location : Secreted .

Expression : Colon,Muscle,Pericardium,Skeletal muscle,

Tag : hot

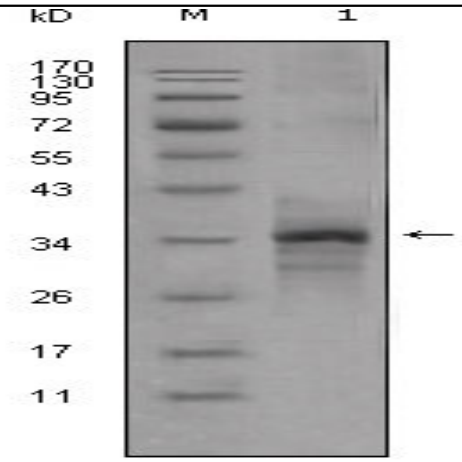
Sort : 6534

No4 : 1

Host : Mouse

Modifications : Unmodified

Products Images



Western Blot analysis using GDF-8 Monoclonal Antibody against truncated GDF-8-His recombinant protein (1).