

Mouse Monoclonal Antibody to Myostatin

Catalogue Number	sAP-0255
Target Molecule	Name: Myostatin Aliases: Myostatin; GDF8; MSTN MW: 42.7kDa Entrez Gene ID: 2660
Description	The protein 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.
Immunogen	Purified recombinant fragment of Myostatin expressed in E. Coli. ;
Reactive Species	Human;
Clone	MM6H12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Clin Chim Acta. 2008 May;391(1-2):115-7. ; 2. Folia Morphol (Warsz). 2008 Feb;67(1):6-12.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**