

Myostatin Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4422
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of Myostatin expressed in E. Coli.
Mol wt	42.7kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	Myostatin;GDF8;MSTN

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

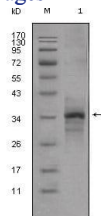
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using Myostatin mouse mAb against truncated Myostatin-His recombinant protein (1).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.