

## Affinity Biosciences

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## **Myostatin Ab**

Images(1)

Cat.#: BF0259 Concn.: ~1mg/ml Mol.Wt.: 42.7kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000

\*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human Myostatin expressed in E. Coli.

Uniprot: O14793

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.

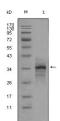


Figure 1: Western blot analysis using Myostatin mouse mAb against truncated

Myostatin-His recombinant protein (1).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween\$20 at  $4^{\circ}$ C with gentle shaking, overnight.

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