

Datasheet for ABIN969306

**anti-MSTN antibody**[Go to Product page](#)**1** Image**2** Publications

## Overview

Quantity:	100 µL
Target:	MSTN
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Purified recombinant fragment of Myostatin expressed in E. coli.
Clone:	6H12
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	MSTN
Alternative Name:	Myostatin ( <a href="#">MSTN Products</a> )
Background:	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

## Target Details

negatively regulates skeletal muscle growth.

Aliases: Myostatin, GDF8, MSTN

Molecular Weight: 42.7 kDa

Gene ID: 2660

HGNC: 2660

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

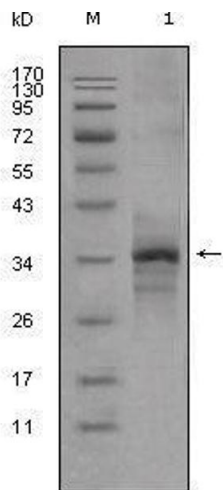
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

## Publications

Product cited in: Trilck, Peter, Zheng, Frank, Dobrenis, Mascher, Rolfs, Frech: "Diversity of glycosphingolipid GM2 and cholesterol accumulation in NPC1 patient-specific iPSC-derived neurons." in: **Brain research**, Vol. 1657, pp. 52-61, (2016) ([PubMed](#)).



Western Blotting

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