

GDF-8 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0614
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of GDF-8 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Growth,differentiation factor 8
Synonyms	MSTN; GDF8; Growth; differentiation factor 8; GDF-8; Myostatin

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

Background

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.

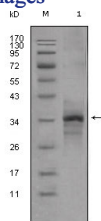
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year