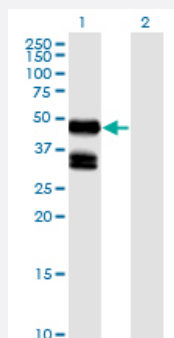


GDF8 monoclonal antibody (M06), clone 2D8

Catalog # H00002660-M06

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GDF8 expression in transfected 293T cell line by GDF8 monoclonal antibody (M06), clone 2D8.

Lane 1: GDF8 transfected lysate (42.8 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (33.48 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GDF8.

Immunogen

GDF8 (NP_005250, 241 a.a. ~ 310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GPGEGLNPFLEVKVTDTPKRSRRDFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIAPKRYKAYNCS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.48 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of GDF8 expression in transfected 293T cell line by GDF8 monoclonal antibody (M06), clone 2D8.

Lane 1: GDF8 transfected lysate(42.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MSTN

Entrez GeneID	2660
GeneBank Accession#	NM_005259
Protein Accession#	NP_005250
Gene Name	MSTN
Gene Alias	GDF8
Gene Description	myostatin
Omim ID	601788
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene 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. [provided by RefSeq]

Other Designations

growth differentiation factor 8

Disease

- [Genetic Predisposition to Disease](#)
- [Muscle Weakness](#)
- [Muscular Atrophy](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)