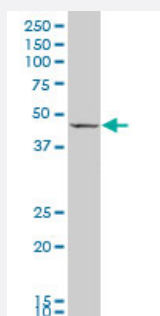


GDF8 monoclonal antibody (M07), clone 3E7

Catalog # H00002660-M07

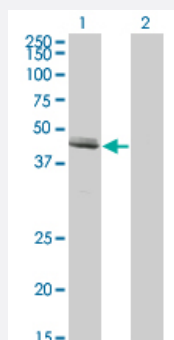
Size 100 ug

Applications



Western Blot (Cell lysate)

GDF8 monoclonal antibody (M07), clone 3E7 Western Blot analysis of GDF8 expression in LNCaP (Cat # L004V1).

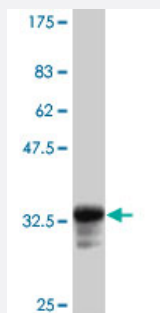


Western Blot (Transfected lysate)

Western Blot analysis of GDF8 expression in transfected 293T cell line by GDF8 monoclonal antibody (M07), clone 3E7.

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 full length recombinant GDF8.

Immunogen	GDF8 (NP_005250, 241 a.a. ~ 310 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GPGEDGLNPFLEVKVTDTPKRSRRDFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIAPKRYKANYCS
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 (Cell lysate)

GDF8 monoclonal antibody (M07), clone 3E7 Western Blot analysis of GDF8 expression in LNCaP (Cat # L004V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GDF8 expression in transfected 293T cell line by GDF8 monoclonal antibody (M07), clone 3E7.

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](#)