

MSTN / GDF8 / Myostatin Antibody (clone 6H12)
Mouse Monoclonal Antibody
Catalog # ALS13045**Specification**

MSTN / GDF8 / Myostatin Antibody (clone 6H12) - Product Information

Application	WB, IHC-P, E
Primary Accession	O14793
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	43kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

MSTN / GDF8 / Myostatin Antibody (clone 6H12) - Additional Information**Gene ID** 2660**Other Names**

Growth/differentiation factor 8, GDF-8, Myostatin, MSTN, GDF8

Target/Specificity

Human MSTN

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

MSTN / GDF8 / Myostatin Antibody (clone 6H12) is for research use only and not for use in diagnostic or therapeutic procedures.

MSTN / GDF8 / Myostatin Antibody (clone 6H12) - Protein Information**Name** MSTN**Synonyms** GDF8**Function**

Acts specifically as a negative regulator of skeletal muscle growth.

Cellular Location

Secreted {ECO:0000250|UniProtKB:O08689}.

Volume

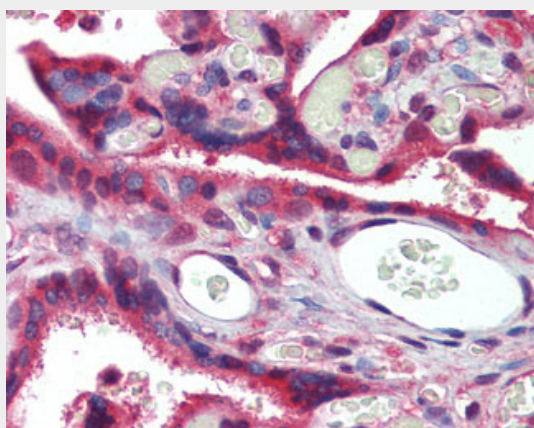
50 µl

MSTN / GDF8 / Myostatin Antibody (clone 6H12) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MSTN / GDF8 / Myostatin Antibody (clone 6H12) - Images



Anti-MSTN / Myostatin antibody IHC of human placenta.

MSTN / GDF8 / Myostatin Antibody (clone 6H12) - Background

Acts specifically as a negative regulator of skeletal muscle growth.

MSTN / GDF8 / Myostatin Antibody (clone 6H12) - References

- McPherron A.C., et al. Proc. Natl. Acad. Sci. U.S.A. 94:12457-12461(1997).
Gonzalez-Cadavid N.F., et al. Proc. Natl. Acad. Sci. U.S.A. 95:14938-14943(1998).
Saunders M.A., et al. Am. J. Hum. Genet. 79:1089-1097(2006).
Hill J.J., et al. Mol. Endocrinol. 17:1144-1154(2003).
Schuelke M., et al. N. Engl. J. Med. 350:2682-2688(2004).