

Anti-MSTN antibody (267-375) (STJ28993)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

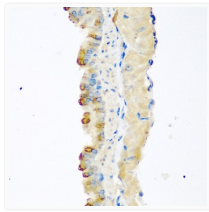
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 43kDa Observed Mw: 42kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

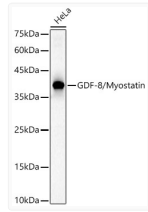
Gene ID	2660
Gene Symbol	MSTN
UniProt ID	GDF8_HUMAN
Immunogen Region	267-375
Immunogen Sequence	DFGLDCDEHSTESRCCRYPL TVDFEAFGWDWIIAPKRYKA NYCSGECEFFVFLQKYPHTL VHQANPRGSAGPCCPTPKMS PINMLYFNGKEQIIYGKIPA MVDRCGCS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 267-375 of human GDF-8/Myostatin (NP_005250.1).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunohistochemistry analysis of paraffin-embedded mouse lung using GDF-8/Myostatin antibody (STJ28993) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of HeLa, using GDF-8/Myostatin Rabbit polyclonal antibody (STJ28993) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.