

Anti-GDF8 Antibody

Catalog # AP95961

Product Information

Application	WB, IHC, FC
Primary Accession	O14793
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	42750

Additional Information

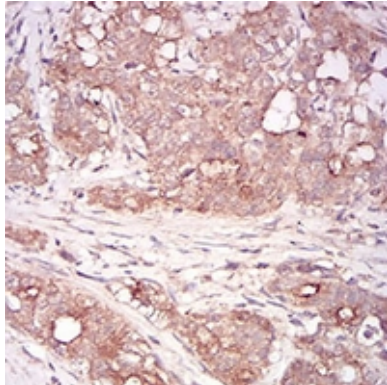
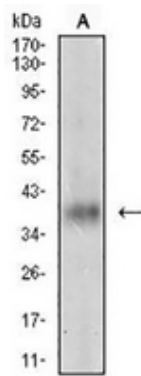
Gene ID	2660
Other Names	GDF8; Growth/differentiation factor 8; GDF-8; Myostatin
Target/Specificity	Recombinant fusion protein of human GDF8 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

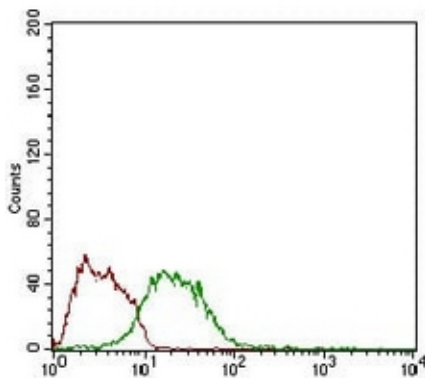
Name	MSTN
Synonyms	GDF8
Function	Acts specifically as a negative regulator of skeletal muscle growth.
Cellular Location	Secreted {ECO:0000250 UniProtKB:O08689}.

Images

Western blot analysis of GDF8 expression in LNCap (A) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 39 kD)



Immunohistochemical analysis of GDF8 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of LNCAP cells using Anti-GDF8 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.