abcam

ab201954

Anti-GDF8 / Myostatin antibody [6E4B2]

Key facts

Isotype	IgG2b
Host species	Mouse
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human MSTN aa 1-300. The exact immunogen used to generate this antibody is proprietary information. Database link O14793
Clone number	6E4B2
Purification technique	Affinity purification Protein G
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from tissue culture supernatant.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1/200 - 1/400

Notes	ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

Predicted

Species	Mouse, Rat, Sheep, Goat, Horse, Chicken, Cow, Dog, Pig
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	1/500 - 1/2000
Notes	-

Predicted

Species	Mouse, Rat, Sheep, Goat, Horse, Chicken, Cow, Dog, Pig
Dilution info	-
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/200 - 1/1000
Notes	-

Predicted

Species	Mouse, Rat, Sheep, Goat, Horse, Chicken, Cow, Dog, Pig
Dilution info	-
Notes	-

Target data

See full target information MSTN

Function	Acts specifically as a negative regulator of skeletal muscle growth.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

This product was changed from ascites to supernatant. Lot no's high than GR285002-6 are from Tissue Culture Supernatant

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

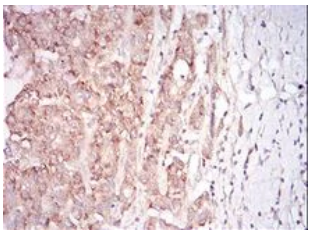
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

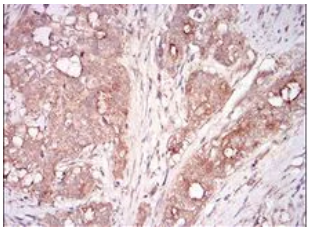
5 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954)

GDF8 / Myostatin Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-GDF8 / Myostatin antibody

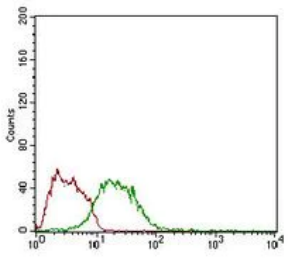
Immunohistochemical analysis of Human liver cancer tissue labeling GDF8 / Myostatin using ab201954 at 1/200 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954)

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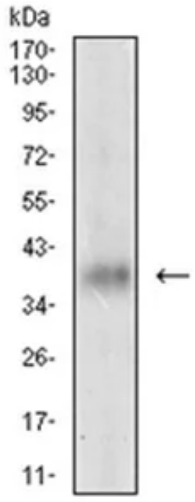
Immunohistochemical analysis of Human cervical cancer tissue labeling GDF8 / Myostatin using ab201954 at 1/200 dilution.



Flow Cytometry - Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954)

GDF8 / Myostatin Flow Cytometry staining using mouse Anti-GDF8 / Myostatin antibody

Flow cytometric analysis of LNcap cells labeling GDF8 / Myostatin using ab201954 at 1/200 dilution (green) and negative control (red).

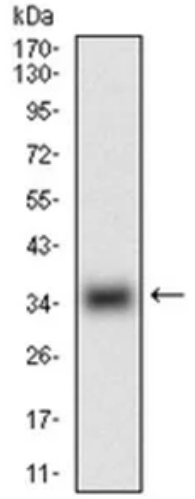


Western blot - Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954)

All lanes:
Western blot - Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954) at 1/500 dilution

All lanes:
LNcap cell lysate

Predicted band size: 43 kDa



Western blot - Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954)

Expected MW is 28.9 kDa
All lanes:
Western blot - Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954) at 1/500 dilution

All lanes:
Human GDF8 / Myostatin (AA:24-266) recombinant protein

Predicted band size: 43 kDa

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