Anti-GDF8 / Myostatin antibody [6E4B2] ab201954

Overview

Product name Anti-GDF8 / Myostatin antibody [6E4B2]
Description Mouse monoclonal [6E4B2] to GDF8 / Myostatin
Host species Mouse
Tested applications Suitable for: IHC-P, WB, Flow Cyt
Species reactivity Reacts with: Human
Predicted to work with: Mouse, Rat, Sheep, Goat, Horse, Chicken, Cow, Dog, Pig
Immunogen Recombinant fragment corresponding to Human GDF8/Myostatin aa 24-266. Recombinant fragment corresponding to propeptide domain of human GDF8/Myostatin expressed in E coli
Sequence:
NENSEQKENVEKEGLCNACTWRQNTKSSREA#IKIQILS
KLRL#APNIS KDVRQLLPK
APPLRE#IDQYDVQRDSSDGSLED&DYHATTETITTM
PTESDFLMQV#GKP#CCCFFKFS
SKQYNKV#KAQLWY#RPVETPTTV
FVQLRLIKPMKD#TRYT#IRSLK#LDM#NGPTGMW
QSID#VKTLQ#NWLK
QPESNLGEIKALDEN#HDLAVTFPGP#EGLNPFLEV
KVT#TPKR SR R

Database link: O14793

Positive control Human GDF8/Myostatin (AA:24-266) recombinant protein; LNcap cell lysate; LNcap cells; Human cervical cancer tissue and Human liver cancer tissue.

General notes This product was changed from ascites to supernatant. Lot no’s higher than GR285002-6 are from Tissue Culture Supernatant

Properties

Form Liquid
Storage buffer Preservative: 0.05% Sodium azide
Constituent: 99% PBS

Purity: Protein G purified

Purification notes: Purified from tissue culture supernatant.

Clonality: Monoclonal

Clone number: 6E4B2

Isotype: IgG2b

Applications

Our Abpromise guarantee covers the use of ab201954 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>IHC-P</td>
<td>1/200 - 1/1000.</td>
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<tr>
<td>Flow Cyt</td>
<td>1/200 - 1/400. ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.</td>
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Target

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

Sequence similarities: Belongs to the TGF-beta family.

Cellular localization: Secreted.

Images
Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954) at 1/500 dilution + LNcap cell lysate

**Predicted band size:** 43 kDa

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

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

Anti-GDF8 / Myostatin antibody [6E4B2] (ab201954) at 1/500 dilution + Human GDF8 / Myostatin (AA:24-266) recombinant protein

Predicted band size: 43 kDa

Expected MW is 28.9 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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