Anti-Myostatin [Myo2/1A]

Catalogue number: 153655
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: BioServ UK Ltd
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Myostatin [Myo2/1A]

Alternate name: Growth/differentiation factor 8, GDF-8, myostatin, GDF8, MSTN

Class: Monoclonal
Conjugate: Unconjugated
Description: Myostatin is a well-characterized negative regulator of skeletal muscle and can inhibit myogenesis and stimulate adipogenesis. Clone Myo 2/1A has been shown to have the reverse effect, up-regulate myogenesis and down-regulate adipogenesis.
Purpose: Marker
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Recognizes the 113 amino acid carboxy-terminal fragment of Myostatin protein
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls: Muscle fibre
Bacterial resistance:
Selectable markers:

Additional notes:

Target details

Target: Myostatin

Target alternate names:

Target background: Myostatin is a well-characterized negative regulator of skeletal muscle and can inhibit myogenesis and stimulate adipogenesis. Clone Myo 2/1A has been shown to have the reverse effect, up-regulate myogenesis and down-regulate adipogenesis.

Molecular weight: 52 kDa

Ic50:

Applications

Application: WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Hazell, M.J. (2009) Development and Clinical Applications of Immunoassays for Human

Adiponectin. Thesis. Oxford Brookes University ; Miller et al. 2011. Am J Physiol Endocrinol Metab. 301(4):E659-67. PMID: 21750269. ; Secretion of adipokines by human adipose tissue in vivo: partitioning between capillary and lymphatic transport. ; Kiewiet et al. 2011. J Endocrinol Invest. 34(6):434-8. PMID: 20959720. ; Acute effects of acylated and unacylated ghrelin on total and high molecular weight adiponectin inmorbidly obese subjects. ; Sodi et al. 2009. Clin Biochem. 42(13-14):1375-80. PMID: 19523465. ; The circulating concentration and ratio of total and high molecular weight adiponectin in post-menopausal women with and without osteoporosis and its association with body mass index and biochemical markers of bone metabolism. ; Barber et al. 2008. J Clin Endocrinol Metab. 93(7):2859-65. PMID: 18445670. ; Serum levels of retinol-binding protein 4 and adiponectin in women with polycystic ovary syndrome: associations with visceral fat but no evidence for fat mass-independent effects on pathogenesis in this condition. ; Hotta et al. 2000. Arterioscler Thromb Vasc Biol. 20(6):1595-9. PMID: 10845877. ; Plasma concentrations of a novel, adipose-specific protein, adiponectin, in type 2 diabetic patients.