

Anti-Follistatin 315 [H10]

Catalogue number: 153635

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: BioServ UK Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Follistatin 315 [H10]

Alternate name: Follistatin, FS, FST, Active-binding protein

Class: Monoclonal

Conjugate: Unconjugated

Description: Follistatin is a single-chain glycosylated protein that inhibits follicle stimulating hormone (FSH) release. Alternative splicing of Follistatin mRNA yields two isoforms, FS315 and FS288. FS315 is considered the main circulating form of Follistatin. Clone H10 recognizes an epitope on the C-terminal region of human Follistatin 315, allowing for detection of FSH levels using various analysis methods. ELISA experiments showed that H10 interacts with FS315 and does not interact with FS288.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide corresponding to sequence CDEDQDYSFPISSILEW of the C- terminal region of human Follistatin 315

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Testis

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Follistatin 315

Target alternate names:

Target background: Follistatin is a single-chain glycosylated protein that inhibits follicle stimulating hormone (FSH) release. Alternative splicing of Follistatin mRNA yields two isoforms, FS315 and FS288. FS315 is considered the main circulating form of Follistatin. Clone H10 recognizes an epitope on the C-terminal region of human Follistatin 315, allowing for detection of FSH levels using various analysis methods. ELISA experiments showed that H10 interacts with FS315 and does not interact with FS288.

Molecular weight: 37 kDa

Ic50:

Applications

Application: ELISA ; IHC ; 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: Hands et al. 2013. Anal Bioanal Chem. 405(23):7347-55. PMID: 23831829. ; Investigating the rapid diagnosis of gliomas from serum samples using infrared spectroscopy and cytokine and angiogenesis factors. ; Fitzgerald et al. 2012. Invest Ophthalmol Vis Sci. 53(11):7358-69. PMID: 23010638. ; The effects of transforming growth factor- β 2 on the expression of follistatin and activin A in normal and glaucomatous human trabecular meshwork cells and tissues. ; Mabuchi et al. 2006. Oncol Rep. 15(2):291-6. PMID: 16391844. ; Immunohistochemical localization of inhibin and activin subunits, activin receptors, and Smads in ovarian clear cell adenocarcinoma. ; Pratic et al. 2004. Chem Phys Lipids. 128(1-2):165-71. PMID: 15037161. ; F2-isoprostanes as indices of lipid peroxidation in inflammatory diseases. ; Evans et al. 1998. J Endocrinol. 156(2):275-82. PMID: 9518873. ; Development, validation and application of an ultra-sensitive two-site enzyme immunoassay for human follistatin. ; Majdic et al. 1997. Endocrinology. 138(5):2136-47. PMID: 9112414. ; Testicular expression of inhibin and activin subunits and follistatin in the rat and human fetus and neonate and during postnatal development in the rat.