

Anti-Activin C [BetaC1]

Catalogue number: 153637

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: BioServ UK Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Activin C [BetaC1]

Alternate name: Activin beta-C chain, Inhibin beta C chain

Class: Monoclonal

Conjugate: Unconjugated

Description: Activin is part of the TGF-beta superfamily, known to regulate growth and differentiation of cells. The β -C subunit of Activin is expressed in a range of tissues having growth promoting and inhibitory properties. β -C Clone 1 recognizes the β -C subunit of Activin and is a useful stain to detect expression of the protein in hepatocyte cells.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide sequence VPTARRPLSLLYYDRDSNIKVTDIPMVVEAC which recognizes amino acids 82-113 of human Activin β -C subunit

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Liver

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Activin C

Target alternate names:

Target background: Activin is part of the TGF-beta superfamily, known to regulate growth and differentiation of cells. The α -C subunit of Activin is expressed in a range of tissues having growth promoting and inhibitory properties. α -C Clone 1 recognizes the α -C subunit of Activin and is a useful stain to detect expression of the protein in hepatocyte cells.

Molecular weight:

Ic50:

Applications

Application: 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: Hughes et al. 2003. Eur J Gastroenterol Hepatol. 15(2):127-31. PMID: 12560755. ; Activin A and follistatin in acute liver failure. ; Yuen et al. 2002. Scand J Gastroenterol. 37(2):233-8. PMID: 11843063. ; Transforming growth factor-beta 1, activin and follistatin in patients with hepatocellular carcinoma and patients with alcoholic cirrhosis. ; Menon et al. 2000. BJOG. 107(9):1069-74. PMID: 11002947. ; Serum inhibin, activin and follistatin in postmenopausal women with epithelial ovarian carcinoma. ; McPherson et al. 1999. Endocrinology. 140(11):5303-9. PMID: 10537161. ; Expression of activin A and follistatin core proteins by human prostate tumor cell lines. ; Cuckle et al. 1999. Prenat Diagn. 19(6):513-6. PMID: 10416964. ; Maternal serum activin A and follistatin levels in pregnancies with Down syndrome. ; Fowler et al. 1998. Hum Reprod. 13(12):3530-6. PMID: 9886545. ; Anderson et al. 1998. Hum Reprod. 13(12):3319-25. PMID: 9886507. ; Follistatin and activin A production by the male reproductive tract. ; A longitudinal study of maternal serum inhibin-A, inhibin-B, activin-A, activin-AB, pro-alphaC and follistatin during pregnancy. ; Riley et al. 1998. Hum Reprod. 13(9):2624-8. PMID: 9806296. ; Follistatin and activin A in extra-embryonic coelomic and amniotic fluids and maternal serum in early pregnancy. ; 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. ; Petraglia et al. 1997. J Clin Endocrinol Metab. 82(9):2991-5. PMID: 9284732. ; Changes of dimeric inhibin B levels in maternal serum throughout healthy gestation and in women with gestational diseases.