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Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B)

Recombinant Antibody
Catalog # APR10961

Specification

Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B) - Product Information

Application	**FC, Kinetics, Animal Model**
Primary Accession	P09529
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**150 KDa**

Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B) - Additional Information

Target/Specificity
INHBB / Activin B

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B) - Protein Information

Name INHBB

Function
Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins. Inhibin B is a dimer of alpha and beta-B that plays a crucial role in the regulation of the reproductive system by inhibiting the secretion of follicle-stimulating hormone (FSH) from the anterior pituitary gland. Thereby, maintains

reproductive homeostasis in both males and females. Acts as a more potent suppressor of FSH release than inhibin A (By similarity). Functions as competitive receptor antagonist binding activin type II receptors with high affinity in the presence of the TGF-beta type III coreceptor/TGFBR3L (By similarity).

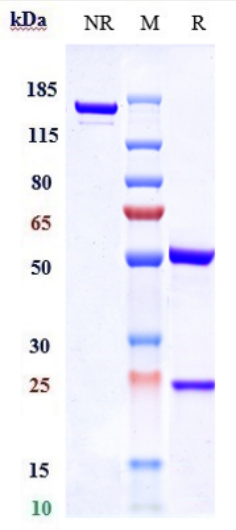
Cellular Location
Secreted.

Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B) - Protocols

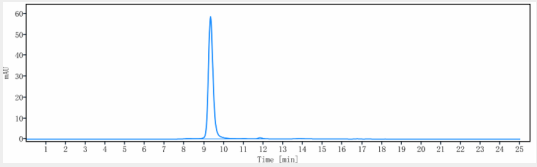
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B) - Images



Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B)is more than 95% ,determined by SEC-HPLC.