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

Recombinant Antibody
Catalog # APR10961

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P09529
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	45122

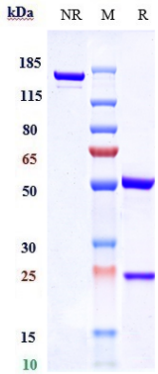
Additional Information

Target/Specificity	INHBB / Activin B
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

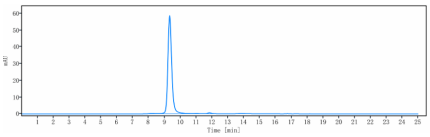
Protein Information

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.

Images



Anti-INHBB / Activin B Reference Antibody (Oxford Brookes U. patent anti-Activin Beta-B) on SDS-PAGE under reducing (R) condition. 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.