

KD-Validated Anti-Inhibin subunit beta B Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1062

Product Information

Application	WB, FC, ICC
Primary Accession	P09529
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB6100
Calculated MW	45122
Gene Name	INHBB
Aliases	INHBB; Inhibin Subunit Beta B; Inhibin Beta B Chain; Activin Beta-B Chain; Inhibin, Beta B (Activin AB Beta Polypeptide); Activin AB Beta Polypeptide; Inhibin Beta B Subunit; Inhibin, Beta B; Inhibin, Beta-2
Immunogen	A synthesized peptide derived from human Inhibin beta B

Additional Information

Gene ID	3625
Other Names	Inhibin beta B chain, Activin beta-B chain, INHBB

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.

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