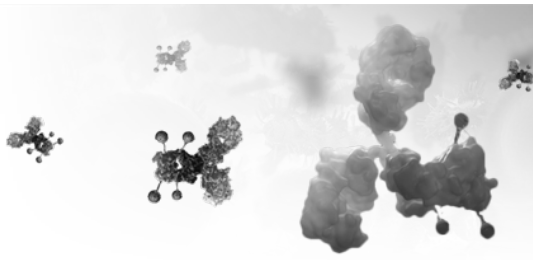

Mouse anti-Human INHBB polyclonal antibody (DPAB-DC1721)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The inhibin beta B subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone. Furthermore, the beta B subunit forms a homodimer, activin B, and also joins with the beta A subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion.
Immunogen	INHBB (NP_002184, 298 a.a. ~ 407 a.a) partial recombinant protein with GST tag. The sequence is GRTNLCCRQQFFIDFRLIGWNDWIIAPTGYYGNYCEGSCPAYLAGVPGSASSFHTAVVNQYRMRGLNPGTVNSCCIPTKLSTMSMLYFDDEYNIVKRDVPNMIVEECGCA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	INHBB inhibin, beta B [Homo sapiens (human)]
Official Symbol	INHBB
Synonyms	INHBB; inhibin, beta B; inhibin beta B chain; Inhibin, beta-2; activin beta-B chain; activin AB beta polypeptide;
Entrez Gene ID	3625
Protein Refseq	NP_002184
UniProt ID	P09529
Chromosome Location	2cen-q13
Pathway	AGE/RAGE pathway; Cytokine-cytokine receptor interaction; Glycoprotein hormones; Peptide hormone biosynthesis
Function	cytokine activity; growth factor activity; hormone activity; host cell surface receptor binding

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