

FSH beta Recombinant Rabbit mAb

Catalog # AP96645

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Reactivity	Human
Predicted	Rabbit
Host	Rabbit
Clonality	Recombinant
Calculated MW	15 KDa
Physical State	Liquid
Immunogen	A synthesized peptide derived from human FSH beta
Epitope Specificity	30-84
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the glycoprotein hormones subunit beta family.
SUBUNIT	Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.
DISEASE	Defects in FSHB are a cause of isolated follicle-stimulating hormone deficiency (IFSHD) [MIM:229070]. Selective follicle-stimulating hormone deficiency is an uncommon cause of infertility, producing amenorrhea and hypogonadism in women and oligo or azoospermia with normal testosterone levels in normally virilised men.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Additional Information

Other Names	FSHB_HUMAN; FSHB; Follicle-stimulating hormone beta subunit (FSH-B FSH-beta); Follitropin beta chain; FSHB_RABIT; follicle stimulating hormone subunit beta; follicle stimulating hormone, beta polypeptide; follitropin, beta chain
Dilution	WB=1:500-2000,IP=1:50-200,IHC-F=1:200-1000,IHC-P=1:200-1000,IF=1:200-1000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Name

FSH beta Recombinant Rabbit mAb

Function

Stimulates development of follicle and spermatogenesis in the reproductive organs.

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