

Anti-FSH beta Antibody

Catalog # AP95832

Product Information

Application	WB, FC
Primary Accession	P01225
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	14700

Additional Information

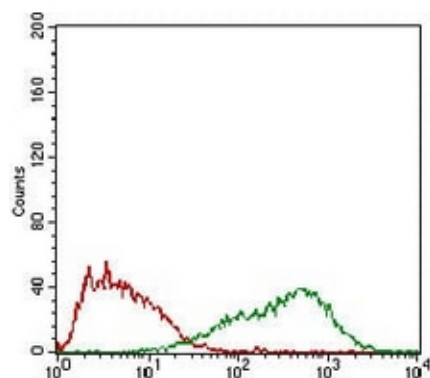
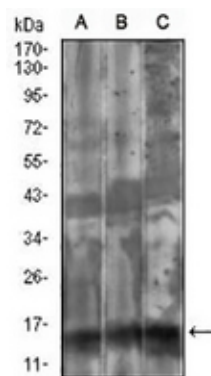
Gene ID	2488
Other Names	Follitropin subunit beta; FollIC, le-stimulating hormone beta subunit; FSH-B; FSH-beta; Follitropin beta chain
Target/Specificity	Recombinant fusion protein of human FSH beta expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	FSHB
Function	Together with the alpha chain CGA constitutes follitropin, the follicle-stimulating hormone, and provides its biological specificity to the hormone heterodimer. Binds FSHR, a G protein-coupled receptor, on target cells to activate downstream signaling pathways (PubMed: 24692546 , PubMed: 2494176). Follitropin is involved in follicle development and spermatogenesis in reproductive organs (PubMed: 407105 , PubMed: 8220432).
Cellular Location	Secreted. Note=Efficient secretion requires dimerization with CGA

Images

Western blot analysis of FSH beta expression in COS7 (A), HepG2 (B), HEK293 (C) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 15 kD)



Flow cytometric analysis of HepG2 cells using Anti-FSH beta Antibody (green) and negative control (red).

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