

## Product datasheet for **BM967**

### FSH beta (FSHB) (intact) Mouse Monoclonal Antibody [Clone ID: F63/02]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	F63/02
Applications:	ELISA
Recommended Dilution:	ELISA: Suitable for use as a coating antibody in a sandwich ELISA with the biotinylated antibody BM968B as the conjugate.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Intact Follicle Stimulating Hormone.
Specificity:	This antibody is specific for Follicle Stimulating Hormone, also known as FSH, and shows minimal reactivity with TSH, LG and HCG.
Formulation:	PBS, pH 7.2, containing 0.09% Sodium Azide as preservative. State: Aff - Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	follicle stimulating hormone beta subunit
Database Link:	<a href="#">Entrez Gene 2488 Human P01225</a>



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<b>Background:</b>	FSH is an anterior pituitary hormone which is glycosylated to around 16-30% of its molecular weight. It is composed of two chains, the 89 amino acid alpha-chain (common to other pituitary hormones) and the beta-chain (115 aa) which is unique to FSH and confers selectivity with regards to its action. The chains are held together by non-covalent forces (ionic, hydrogen bond, Van der Waals but not disulfide bonds). Within each chain, there are disulfide bonds, 5 in the alpha- and 6 in the beta-chains.
<b>Synonyms:</b>	Follitropin beta chain, FSHB, FSH beta
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	GnRH signaling pathway, Neuroactive ligand-receptor interaction