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Product datasheet for BM2500

FSH beta (FSHB) (intact) Mouse Monoclonal Antibody [Clone ID: 090-10243]

Product data:

Product Type:	Primary Antibodies
Clone Name:	090-10243
Applications:	ELISA
Recommended Dilution:	Suitable for use in **ELISA.** *Recommended antibody pairs for Sandwich Immunoassay:* **Capture / Detection:** BM2498 / BM2500 AM31465PU-N / BM2500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	High purity intact Human FSH.
Specificity:	FSH specific. Reacts with intact molecule. Does not cross react with other common alpha hormones.
Formulation:	10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride State: Purified State: Liquid purified Ig fraction (> 90% pure by SDS-PAGE). Product is 0.2 µm filtered. Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Homo sapiens follicle stimulating hormone beta subunit (FSHB), transcript variant 1

View online »

Database Link: Entrez Gene 2488 Human
P01225

Background: FSH is a pituitary hormone involved in the maturation of ovarian follicles and estrogen secretion in females. In the pituitary gland, FSH is produced by gonadotrophs. In males, FSH stimulates the secretion of testosterone.
Follicle stimulating hormone enables ovarian folliculogenesis to the antral follicle stage and is essential for Sertoli cell proliferation and maintenance of sperm quality in the testis.
Members of the pituitary glycoprotein hormone family, of which FSH is one (see also luteinizing hormone, chorionic gonadotropin, and thyroid stimulating hormone), consist of a shared alpha chain and a beta chain encoded by a separate gene.

Synonyms: Follitropin beta chain, FSHB, FSH beta

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: GnRH signaling pathway, Neuroactive ligand-receptor interaction