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Product datasheet for BM2501

FSH beta (FSHB) (intact) Mouse Monoclonal Antibody [Clone ID: 090-14155]

Product data:

Product Type:	Primary Antibodies
Clone Name:	090-14155
Applications:	ELISA
Recommended Dilution:	Suitable for use in ELISA. Recommended antibody pair: Capture Detection BM2501 BM2498
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	High purity intact FSH from Human pituitary gland.
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 and 0.09% Sodium Azide as preservative. State: Purified State: Liquid (0.2 µm filtered) purified Ig fraction (> 90% pure by SDS-PAGE).
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. If aliquoted for long-term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	follicle stimulating hormone beta subunit

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