

Product datasheet for **SM1466P**

FSH beta (FSHB) (intact) Mouse Monoclonal Antibody [Clone ID: INN-hFSH-117]

Product data:

Product Type:	Primary Antibodies
Clone Name:	INN-hFSH-117
Applications:	ELISA, R
Recommended Dilution:	RIA. ELISA: Two-site sandwich ELISA revealed recognition of a conformational epitope on intact hFSH which is located near the a1, a2 and a4 epitopes. Can be used as a capture or detection antibody in combination with clone INN-hFSH-60 (antibody SM1342P).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human FSH
Specificity:	The antibody recognises the c1 epitope on holo-FSH. No cross-reaction is detected in RIA with hFSH beta or any other human glycoprotein hormone or subunit thereof.
Formulation:	PBS, pH 7.2, containing 0.09% Sodium Azide, Carrier Free State: Purified State: Liquid IgG fraction
Concentration:	lot specific
Purification:	Protein A affinity chromatography
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:	Entrez Gene 2488 Human P01225



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Background: 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. The FSHB gene encodes the beta subunit of follicle stimulating hormone.

Synonyms: Follitropin beta chain, FSHB, FSH beta