

## Product datasheet for **SM1342P**

### FSH beta (FSHB) (beta 2 epitope) Mouse Monoclonal Antibody [Clone ID: INN-hFSH-60]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	INN-hFSH-60
Applications:	ELISA, IHC
Recommended Dilution:	Immunohistochemistry on frozen and paraffin embedded sections (recommended positive control: Pituitary Gland). ELISA (in combination with antibody SM1466P it can be used to detect holo-hFSH bound to a solid phase).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human FSH
Specificity:	The antibody is directed against the beta 2 epitope of the beta subunit of FSH. Shows strong reactions with FSH and beta-FSH, but no cross-reactivity with TSH, LH, HCG, alpha-HCG or alpha-FSH. The recognition site is located near the alpha 1 binding site on the hFSH molecule. It is not compatible with other anti-hFSH-beta antibodies.
Formulation:	PBS, pH 7.4, containing 0.09% sodium azide State: Aff - 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



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**Database Link:** [Entrez Gene 2488 Human P01225](#)

**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 consist of a shared alpha chain and a beta chain encoded by a separate gene. The FSH beta gene encodes the beta subunit of follicle stimulating hormone.

**Synonyms:** Follitropin beta chain, FSHB, FSH beta