

## Product datasheet for **AM09301HR-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	FSH-2
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> This antibody can be used as tracer antibody in Sandwich ELISA for FSH detection in combination with our matched anti-FSH capture antibody Cat.-No AM09300PU-N.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human FSH beta subunit.
Specificity:	This antibody is reactive to beta chain of FSH.
Formulation:	0.01M PBS, pH 7.2 and 50% Glycerol Label: HRP State: Liquid purified IgG fraction
Purification:	Affinity Chromatography on Protein G
Conjugation:	HRP
Storage:	Upon receipt, store (in aliquots) at -20°C. 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>
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.



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

**Protein Families:** Druggable Genome, Secreted Protein

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