



# Anti-FSH monoclonal antibody, clone JNN-hFSH-61 (DMAB1358MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein.
<b>Specificity</b>	Recognizes human FSH and beta human FSH. Does not cross react with human TSH, human LH, human CG, alpha-hCG and alpha hFSH. The recognition site is located near the alpha 1 binding site on the human FSH molecule.
<b>Immunogen</b>	Human FSH
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	JNN-hFSH-61
<b>Purification</b>	Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	In ELISA, it can be used to detect whole (intact) human FSH in combination with Catalog # DMAB1359MH. Suitable for use in Immunohistochemistry (frozen and paraffin sections). Prepare working dilution only prior to immediate use. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Centrifuge before opening to

ensure complete recovery of vial contents.

We recommend the following for sandwich ELISA (Capture-Detection):

DMAB1358MH - [DMAB1359](#)

[DMAB1359](#) - DMAB1358MH

<b>Format</b>	Purified, Liquid
<b>Concentration</b>	1mg/ml (OD280nm)
<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Short term (up to 2 weeks) store at 2-8°C. Long term store at -20°C. Store as an undiluted liquid. Avoid multiple freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FSHB</a> follicle stimulating hormone, beta polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	FSHB
<b>Synonyms</b>	follicle stimulating hormone, beta polypeptide; FSH-beta; FSHB; follicle-stimulating hormone beta subunit
<b>Entrez Gene ID</b>	<a href="#">2488</a>
<b>Protein Refseq</b>	<a href="#">NP_000501</a>
<b>UniProt ID</b>	<a href="#">P01225</a>
<b>Chromosome Location</b>	11P13
<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Glycoprotein hormones, organism-specific biosystem; GnRH signaling pathway, organism-specific biosystem; Hormone ligand-binding receptors, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosys
<b>Function</b>	follicle-stimulating hormone activity; hormone activity; protein heterodimerization activity