FSHB monoclonal antibody, clone INN-hFSH-117

Catalog # MAB4092 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against FSHB.
Immunogen	Human FSHB.
Host	Mouse
Reactivity	Human
Specificity	Recognizes the c1 epitope, a conformational epitope which is only detectable when the alpha and beta subunits of FSH are associated (intact FSH). No cross-reaction is detected in RIA with human FSH beta or any other human glycoprotein hormone or subunit thereof. Two-site sandwich ELISA revealed recognition of a conformational epitope on intact human FSH which is located near the alpha 1, alpha 2 and alpha 4 epitopes.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In Hanks balanced salt solution (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Sandwich ELISA
- Radioimmunoassay
- Enzyme Immunoassay

Gene Info — FSHB

Entrez GeneID	2488
Gene Name	FSHB
Gene Alias	-
Gene Description	follicle stimulating hormone, beta polypeptide
Omim ID	136530 229070
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	follicle-stimulating hormone beta subunit|follitropin, beta chain

Pathway

- GnRH signaling pathway
- Neuroactive ligand-receptor interaction

Disease

- Acne Vulgaris
- Asperger Syndrome
- Autistic Disorder
- Breast Neoplasms
- Genetic Predisposition to Disease
- Hirsutism
- Infertility

- Menstruation Disturbances
- Neoplasms
- Obesity
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Prostate cancer
- Prostatic Neoplasms
- Puberty
- Social Perception
- Thrombophilia
- Tobacco Use Disorder