LH monoclonal antibody, clone 3F5

Catalog # MAB1585 Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against full length native LH.
Immunogen	Native purified human LH.
Host	Mouse
Reactivity	Human
Specificity	This antibody react with hLH. No cross-reactivity with hCG, FSH and TSH.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 15 mM potassium phosphate buffer, 0.85% NaCl, pH 7.2 (0.05% 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 shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LHB

Entrez GeneID	3972

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Name	LHB
Gene Alias	CGB4, LSH-B, hLHB
Gene Description	luteinizing hormone beta polypeptide
Omim ID	152780
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta subunit of luteinizing hormone (LH). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. LH is expressed in the pituitary gland and promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. The genes for the beta chains of chorionic gonadotropin and for luteinizing hormone are contiguous on chromosome 19q13.3. Mutations in this gene are associated with hypogonadism which is characterized by infertility and pseudohermaphroditism. [provided by RefSeq
Other Designations	interstitial cell stimulating hormone, beta chain|luteinizing hormone beta subunit|lutropin, beta chain

Pathway

- GnRH signaling pathway
- Neuroactive ligand-receptor interaction

Disease

- Alzheimer disease
- Asperger Syndrome
- Autistic Disorder
- Endometriosis
- Genetic Predisposition to Disease
- Hypogonadism
- Infertility
- Obesity
- Ovarian Diseases

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.