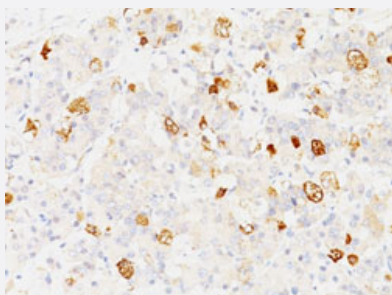


FSHB monoclonal antibody, clone SPM107

Catalog # MAB13029 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pituitary gland using FSHB monoclonal antibody, clone SPM107 (Cat # MAB13029).

Specification

Product Description	Mouse monoclonal antibody raised against native human FSHB.
Immunogen	Native purified human FSHB.
Host	Mouse
Theoretical MW (kDa)	22
Reactivity	Human
Specificity	This antibody reacts with beta subunit of FSH. It does not cross react with the alpha subunit.
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer

In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pituitary gland using FSHB monoclonal antibody, clone SPM107 (Cat # MAB13029).

- Immunofluorescence

- Flow Cytometry

Gene Info — FSHB

Entrez GeneID[2488](#)**Protein Accession#**[P01225](#)**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 a non-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](#)