# Rabbit Anti-human Follicle-stimulating hormone (FSH) Monoclonal Antibody, clone 2G6

**Catalog Number:** **R17013M2G6**

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## General Information

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|---|---|
| **Immunogen** | Full length recombinant human FSH protein |
| **IgG type** | Rabbit IgG |
| **Clonality** | Monoclonal |
| **Applications** | ELISA |
| **Specificity** | Human FSH |
| **Formulation** | 0.22 μM filtered solution of PBS, pH 7.4 |
| **Purity** | > 95% determined by SDS-PAGE |
| **Storage** | ≤ -20 °C for 1 year or 4 °C for 1 months |

**Abbreviations:**
ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immuno-histochemistry; IF: immunofluorescence. WB: western blot; FC: flow cytometry

## Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

## Hazard/Biohazard

This antibody contains 0.09% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.

## Background

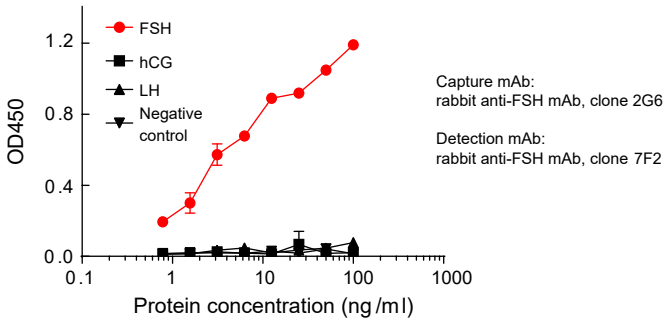
Follicle-stimulating hormone (FSH) is a 35.5 KD glycoprotein hormone secreted from pituitary gland. FSH is a heterodimer of 96 amino acid alpha subunit and 111 amino acid beta subunits. FSH regulates the development, growth, pubertal maturation and reproductive processes of the human body. In female, FSH stimulates the growth, development, and survival of ovarian follicles in the ovary. In male, FSH the first division of meiosis of primary spermatocytes to form secondary spermatocytes. High FSH levels are indicators of subfertility and/or infertility during reproductive years of human, while diminished secretion of FSH can lead to hypogonadism. Recently, FSH has been shown involved in angiogenesis during tumorigenesis and could be a potential target of anti-tumor therapy.

## Preparation

Monoclonal antibody is produced by immunizing rabbit with full length human FSH and purified using protein A resin.

## Application

***Sandwich ELISA***

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