

## FSH Antibody

### Datasheet

For Research Use Only

| Description     | Catalog No. | Size   |
|-----------------|-------------|--------|
| FSH Concentrate | FP-A018-01  | 0.1 ml |
| FSH Concentrate | FP-A018-10  | 1 ml   |
| FSH Predilute   | FP-A018-70  | 7 ml   |

### Description

Follicle-Stimulating Hormone (FSH) allows for progression of ovarian folliculogenesis, and enables Sertoli cell proliferation in the testis. Anti-FSH reacts with FSH-producing cells, therefore FSH staining is useful for classifying pituitary cancers and understanding pituitary disease.

### Specifications

|              |   |
|--------------|---|
| Clone        | IHC580  |
| Source       | Mouse Monoclonal  |
| Applications | IHC (P)   |
| Formulation  | Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide |

### IHC Procedure\*

|                          |  |
|--------------------------|--|
| Positive Control Tissue  | Pituitary  |
| Dilution Range           | 1:50 – 1:200   |
| Pretreatment             | Perform heat-induced epitope retrieval (HIER) at pH for 10 to 30 minutes |
| Incubation Time and Temp | 10 to 30 minutes at room temperature                                     |
| Detection                | Refer to the corresponding user manual for detection system              |

### Result

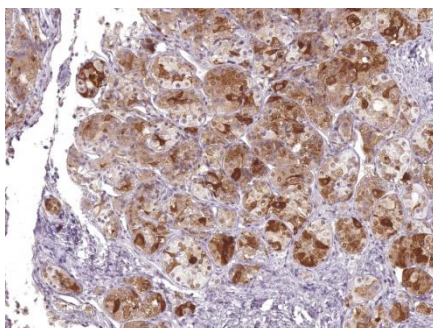


Figure. FSH on Pituitary Gland



## Storage and Handling

Must store the reagent at 2-8 °C. Do not freeze. Do not use the reagent after expiration date on vial. To ensure proper stability and delivery of the antibody after each run, replace the cap and immediately place the bottle in a refrigerator in an upright position. Positive and negative controls should be simultaneously run with unknown specimens, as there are no conclusive characteristics to suggest instability of the antibody.

## Precautions

**The product is for research use only.** Do not use for diagnosis purpose. Ensure proper handling procedures are used with all reagents. Always wear laboratory coats, disposable gloves, and other appropriate laboratory equipment when handling reagents. Do not ingest reagents, and avoid contact with eyes and mucous membranes. Wash eyes with copious amounts of water if contact occurs.

## References

1. **Schmid M**, et al. “Pituitary hormone mRNA in null cell adenomas and oncocytomas by in situ hybridization comparison with immunohistochemical and clinical data.” *Pathol Res Pract.* 2001; 197:663-9.
2. **Uccella S**, et al. “Localization of inhibin/activin subunits in normal pituitary and in pituitary adenomas.” *Pituitary.* 2000; 3:131-9.
3. **La Rosa S**, et al. “Detection of gonadotropin-releasing hormone receptor in normal human pituitary cells and pituitary adenomas using immunohistochemistry.” *Virchows Arch.* 2000; 437:264-9.

## Technical Support

Contact FemtoPath Technical Support at +886232338585 or email to [femtopath@hongjing.com.tw](mailto:femtopath@hongjing.com.tw) for assistance with more questions regarding this product.