

## FSH-beta (Follicle Stimulating Hormone-beta) Antibody

Mouse Monoclonal Antibody [Clone FSHb/1062]

| Catalog No      | Format  | Size   |
|-----------------|---|--------|
| 2488-MSM1-P0    | Purified Ab with BSA and Azide at 200ug/ml    | 20 ug  |
| 2488-MSM1-P1    | Purified Ab with BSA and Azide at 200ug/ml    | 100 ug |
| 2488-MSM1-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

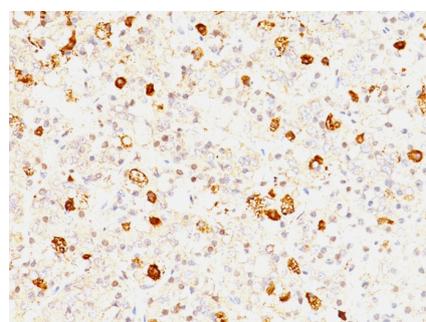
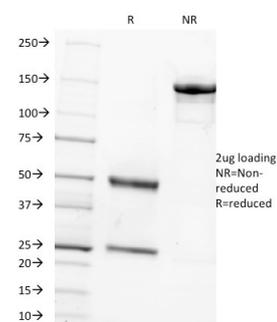
| Applications               | Tested Dillution | Note  |
|----------------------------|------------------|---|
| Immunohistochemistry (IHC) | 1-2ug/ml         | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

### Product Details

|                               |  |
|-------------------------------|--|
| <b>Clone</b>                  | FSHb/1062                                  |
| <b>Gene Name</b>              | FSHB                                       |
| <b>Immunogen</b>              | Recombinant full-length hFSH beta sub-unit |
| <b>Host</b>                   | Mouse                                      |
| <b>Clonality</b>              | Monoclonal                                 |
| <b>Isotype / Light Chain</b>  | IgG1 / Kappa                               |
| <b>Mol. Weight of Antigen</b> | 22kDa                                      |
| <b>Cellular Localization</b>  | Secreted                                   |
| <b>Species Reactivity</b>     | Human                                      |
| <b>Positive Control</b>       | Anterior Pituitary.                        |

\*Optimal dilution for a specific application should be determined.

### Product Images for FSH-beta (Follicle Stimulating Hormone-beta) Antibody



SDS-PAGE Analysis of Purified FSH beta Mouse Monoclonal Antibody (FSHb/1062). Confirmation of Integrity and Purity of Antibody.

Formalin-fixed, paraffin-embedded human Pituitary stained with FSH beta Mouse Monoclonal Antibody (FSHb/1062).

### Specificity & Comments

This MAb reacts with a protein of 22kDa, identified as beta sub-unit of FSH. It does not cross react with the alpha sub-unit. Follicle stimulating hormone (FSH) is a hormone synthesized and secreted by gonadotrophs in the anterior pituitary gland. In the ovary, FSH stimulates the growth of immature Graafian follicles to maturation. As the follicle grows, it releases inhibin, which deactivates the FSH production. In men, FSH enhances the production of androgen-binding protein by the Sertoli cells of the testis and is critical for spermatogenesis. FSH and LH act synergistically in reproduction. FSH is a useful marker in the classification of pituitary tumors and the study of pituitary disease.

### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Signal Transduction

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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