

## Datasheet: MCA338

|                      |                             |
|----------------------|-----------------------------|
| <b>Description:</b>  | MOUSE ANTI HUMAN FSH BETA 2 |
| <b>Specificity:</b>  | FSH BETA 2                  |
| <b>Format:</b>       | Purified                    |
| <b>Product Type:</b> | Monoclonal Antibody         |
| <b>Clone:</b>        | INN-hFSH-60                 |
| <b>Isotype:</b>      | IgG1                        |
| <b>Quantity:</b>     | 0.5 mg                      |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                            | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry             |     |    | ▪              |                    |
| Immunohistology - Frozen   | ▪   |    |                |                    |
| Immunohistology - Paraffin | ▪   |    |                |                    |
| ELISA                      | ▪   |    |                |                    |
| Immunoprecipitation        |     |    | ▪              |                    |
| Western Blotting           |     |    | ▪              |                    |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

|                                 |   |
|---------------------------------|---|
| <b>Target Species</b>           | Human   |
| <b>Product Form</b>             | Purified IgG - liquid   |
| <b>Preparation</b>              | Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant |
| <b>Buffer Solution</b>          | Phosphate buffered saline   |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide  |
| <b>Carrier Free</b>             | Yes   |
| <b>Approx. Protein</b>          | IgG concentration 1 mg/ml   |

## Concentrations

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**Immunogen** Human FSH.

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## External Database Links

### UniProt:

[P01225](#)   [Related reagents](#)

### Entrez Gene:

[2488](#)   FSHB   [Related reagents](#)

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**RRID** AB\_322059

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**Fusion Partners** Spleen cells from immunised BALB/c mice were fused with cells of the P3-X63-Ag8.653 myeloma cell line.

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**Specificity** **Mouse anti HumanFSH beta 2, clone INN-hFSH-60** is directed against the Beta 2 epitope of the Beta subunit of hFSH, INN-hFSH-60 shows strong reactions with hFSH and beta-hFSH, but no cross-reactivity with hTSH, hLH, hCG, alpha-hCG or alpha-hFSH. The recognition site is located near the alpha 1 binding site on the hFSH molecule. It is not compatible with other anti-hFSH-beta antibodies.

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**Histology Positive Control Tissue** Pituitary Gland

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**References**

- Berger, P. (1985) [Molecular morphology of placental and pituitary hormones: epitope mapping with monoclonal antibodies]. [Wien Klin Wochenschr. 97 \(14\): 573-81.](#)
- Schwarz, S. *et al.* (1986) The antigenic surface of human chorionic gonadotropin as mapped by murine monoclonal antibodies. [Endocrinology. 118 \(1\): 189-97.](#)

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/MCA338>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)   [HRP](#)

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)  
 Goat Anti Mouse IgG (STAR70...) [FITC](#)  
 Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)  
 Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
 Goat Anti Mouse IgG (STAR76...) [RPE](#)  
 Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),  
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),  
[FITC](#), [HRP](#)  
 Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
 Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

### **Recommended Negative Controls**

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
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|----------------------------------|---|------------------|---|---------------|---|

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
 'M405516:220916'

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