Datasheet: 0100-0662

**Description:** MOUSE ANTI HUMAN FSH ALPHA

**Specificity:** FSH ALPHA

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** F1 (BGN/F62/01)

**Isotype:** IgG1

**Quantity:** 1 mg

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**Product Details**

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).

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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Immunohistology - Paraffin</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**Target Species**

Human

**Product Form**

Purified IgG - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein G

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide (NaN₃)

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

Native human follicle stimulating hormone.

**External Database Links**

UniProt: [P01215](https://www.uniprot.org/uniprot/P01215) Related reagents

Entrez Gene:
**Specificity**

Mouse anti Human FSH alpha antibody, clone F1 (BGN/F62/01) detects the alpha subunit of Follicle-stimulating hormone (FSH alpha). FSH is secreted by the pituitary, and is a member of the glycoprotein hormone family which includes Human chorionic gonadotropin (hCG), Luteinizing hormone (LH), and Thyroid stimulating hormone (TSH).

These hormones are all structurally related and contain a common alpha subunit non-covalently bound to a hormone specific beta subunit, which determines receptor specificity. Both of the subunits are necessary for hormone action.

**ELISA**

0100-0662 is suitable for use as a detection antibody in a sandwich ELISA assay with 0100-0663 as the capture antibody.

**References**

   Faculty of Veterinary Medicine Theses Utrecht University Repository

**Further Reading**

1. Sohn, J. *et al.* (2003) Orientation of follicle-stimulating hormone (FSH) subunits complexed with the FSH receptor. Beta subunit toward the N terminus of exodomain and alpha subunit to exoloop

**Storage**

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

Goat Anti Mouse IgG IgA IgM (STAR87...) *Alk. Phos.* *HRP*
Goat Anti Mouse IgG (STAR77...) *HRP*
Rabbit Anti Mouse IgG (STAR12...) *RPE*
Rabbit Anti Mouse IgG (STAR8...) *DyLight®800*
Rabbit Anti Mouse IgG (STAR13...) *HRP*
Goat Anti Mouse IgG (STAR76...) *RPE*
Goat Anti Mouse IgG (STAR70...) *FITC*
Goat Anti Mouse IgG (H/L) (STAR117...) *Alk. Phos.*, *DyLight®488*, *DyLight®549*, *DyLight®649*, *DyLight®680*, *DyLight®800*, *FITC*, *HRP*
Goat Anti Mouse IgG (Fc) (STAR120...) *FITC*, *HRP*
Rabbit Anti Mouse IgG (STAR9...) *FITC*
Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)