Datasheet: 0100-0662
BATCH NUMBER 154088

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

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.

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<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</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**

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<tr>
<th>UniProt:</th>
<th>Related reagents</th>
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**RRID**
AB_617281

**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**
1. Dreessen, I.L.E. (2017) Development of a dog-specific Enzyme-Linked Immuno Sorbent Assay (ELISA) for detecting Luteinising Hormone (LH) and Follicle Stimulating Hormone (FSH) in plasma Faculty of Veterinary Medicine Theses Utrecht University Repository

**Further Reading**

**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.

**Guarantee**
12 months from date of despatch

**Health And Safety Information**
Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/0100-0662 10040

**Regulatory**
For research purposes only

**Related Products**

**Recommended Secondary Antibodies**
Rabbit Anti Mouse IgG (STAR12...) | RPE
Goat Anti Mouse IgG IgA IgM (STAR87...) | HRP
Goat Anti Mouse IgG (STAR76...) | RPE
Rabbit Anti Mouse IgG (STAR13...) | HRP
Goat Anti Mouse IgG (STAR70...) | FITC
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 (STAR9...) | FITC
Goat Anti Mouse IgG (STAR77...) | HRP
Goat Anti Mouse IgG (Fc) (STAR120...) | FITC, HRP

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M362753:200528'

Printed on 19 Jan 2024