

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

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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA	▪			
Western Blotting			▪	
Immunofluorescence			▪	

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 (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Native human follicle stimulating hormone.

External Database**Links****UniProt:**

[P01215](#) [Related reagents](#)

Entrez Gene:

[1081](#) CGA [Related reagents](#)

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

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 3. [J Biol Chem. 278 \(48\): 47868-76.](#)

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@680](#),
[DyLight@800](#), [FITC](#), [HRP](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)

Recommended Negative Controls

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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

'M381796:210512'

Printed on 18 May 2021

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