

## Datasheet: MCA337

**BATCH NUMBER 169015**

<b>Description:</b>	MOUSE ANTI HUMAN FSH INTACT
<b>Specificity:</b>	FSH (INTACT)
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	INN-hFSH-117
<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			▪	
Radioimmunoassays	▪			

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 Concentrations</b>	IgG concentration 1 mg/ml
<b>Immunogen</b>	Human FSH.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01225</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01215</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">2488</a>    FSHB    <a href="#">Related reagents</a></p> <p><a href="#">1081</a>    CGA    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_322060
<b>Fusion Partners</b>	Spleen cells from immunized mice were fused with cells of the X63-Ag8.653 myeloma cell line.
<b>Specificity</b>	<p><b>Mouse anti Human FSH antibody, clone INN-hFSH-117</b> recognizes the c1 epitope on holo-FSH. No cross-reaction is detected in RIA with hFSH Beta or any other human glycoprotein hormone or subunit thereof.</p> <p>This antibody recognizes a conformational epitope on intact hFSH which is located near the alpha1, alpha2 and alpha4 epitopes (<a href="#">Berger <i>et al.</i> 1988</a>).</p>
<b>References</b>	<ol style="list-style-type: none"> <li>Berger, P. <i>et al.</i> (1988) Antigenic features of human follicle stimulating hormone delineated by monoclonal antibodies and construction of an immunoradiometric assay. <a href="#">Endocrinology. 123 (5): 2351-9.</a></li> <li>Madersbacher, S. &amp; Berger, P. (1991) Double wavelength measurement of 3,3',5,5'-tetramethylbenzidine (TMB) provides a three-fold enhancement of the ELISA measuring range. <a href="#">J Immunol Methods. 138 (1): 121-4.</a></li> <li>Madersbacher, S. <i>et al.</i> (1992) Increased ELISA sensitivity using a modified method for conjugating horseradish peroxidase to monoclonal antibodies. <a href="#">J Immunol Methods. 152 (1): 9-13.</a></li> <li>Madersbacher, S. <i>et al.</i> (1993) Time-resolved immunofluorometry and other frequently used immunoassay types for follicle-stimulating hormone compared by using identical monoclonal antibodies. <a href="#">Clin Chem. 39 (7): 1435-9.</a></li> </ol>
<b>Storage</b>	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/MCA337>  
10040

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)  
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [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 (Fc) (STAR120...) [FITC](#), [HRP](#)  
Goat Anti Mouse IgG (STAR77...) [HRP](#)

### Recommended Negative Controls

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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://www.bio-rad-antibodies.com/datasheets)  
'M405515:220916'

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