

## Datasheet: MCA1027

**BATCH NUMBER 190215**

<b>Description:</b>	MOUSE ANTI hCG (ALPHA 5 EPITOPE)
<b>Specificity:</b>	hCG (ALPHA 5 EPITOPE)
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	INN-hFSH-158
<b>Isotype:</b>	IgG
<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	▪			
Immunoassay	▪			

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
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Human FSH.

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## External Database Links

**UniProt:**

[P01215](#)    [Related reagents](#)

**Entrez Gene:**

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

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**RRID** AB\_321600

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

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**Specificity** **Mouse anti hCG (alpha 5 Epitope) antibody, clone INN-hFSH-158** recognizes the alpha 5 epitope on the alpha subunit of hCG, hLH, hFSH, hISH and the free alpha subunit.

The alpha 5 epitope is destroyed upon iodination.

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## References

1. McKenna, S.D. *et al.* (2007) Tumor necrosis factor (TNF)-soluble high-affinity receptor complex as a TNF antagonist. [J Pharmacol Exp Ther. 322 \(2\): 822-8.](#)
  2. Casella, I. *et al.* (2008) Non-gonadotropin-releasing hormone-mediated transcription and secretion of large human glycoprotein hormone alpha-subunit in human embryonic kidney-293 cells. [Endocrinology. 149: 1144-54.](#)
  3. Garone, L.M. *et al.* (2006) Biological properties of a novel follicle-stimulating hormone/human chorionic gonadotropin chimeric gonadotropin. [Endocrinology. 147: 4205-12.](#)
  4. Birken, S. *et al.* (2003) Preparation and characterization of new WHO reference reagents for human chorionic gonadotropin and metabolites. [Clin Chem. 49: 144-54.](#)
  5. Untergasser, G. *et al.* (2001) Seminal plasma factors induce *in vitro* PRL secretion in smooth muscle cells of the human prostate. [J Clin Endocrinol Metab. 86: 5577-84.](#)
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**Storage** Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

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

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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/MCA1027>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight@488</a> , <a href="#">DyLight@550</a> , <a href="#">DyLight@650</a> , <a href="#">DyLight@680</a> , <a href="#">DyLight@800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</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://bio-rad-antibodies.com/datasheets)  
'M364648:200529'

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