

Datasheet: MCA1027

BATCH NUMBER 165028

Description:	MOUSE ANTI hCG (ALPHA 5 EPITOPE)
Specificity:	hCG (ALPHA 5 EPITOPE)
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	INN-hFSH-158
Isotype:	IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% sodium azide (NaN ₃)
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

Immunogen Human FSH.

External Database Links

UniProt:

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

Entrez Gene:

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

RRID AB_321600

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

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.

References

1. 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.](#)
 2. Birken, S. *et al.* (2003) Preparation and characterization of new WHO reference reagents for human chorionic gonadotropin and metabolites. [Clin Chem. 49: 144-54.](#)
 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. 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.](#)
 5. 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.](#)
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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: <https://www.bio-rad-antibodies.com/SDS/MCA1027>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
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

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)
[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)
[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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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
'M407812:221009'

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