

Datasheet: MCA1027

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| 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.

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| 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 Concentrations | IgG concentration 1.0 mg/ml |

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| Immunogen | Human FSH. |
| External Database Links | <p>UniProt: P01215 Related reagents</p> <p>Entrez Gene: 1081 CGA Related reagents</p> |
| RRID | AB_321600 |
| Fusion Partners | Spleen cells from immunised mice were fused with cells of the X63-Ag8.653 myeloma cell line. |
| Specificity | <p>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.</p> <p>The alpha 5 epitope is destroyed upon iodination.</p> |
| References | <ol style="list-style-type: none"> 1. McKenna, S.D. <i>et al.</i> (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. <i>et al.</i> (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. <i>et al.</i> (2006) Biological properties of a novel follicle-stimulating hormone/human chorionic gonadotropin chimeric gonadotropin. Endocrinology. 147: 4205-12. 4. Birken, S. <i>et al.</i> (2003) Preparation and characterization of new WHO reference reagents for human chorionic gonadotropin and metabolites. Clin Chem. 49: 144-54. 5. Untergasser, G. <i>et al.</i> (2001) Seminal plasma factors induce <i>in vitro</i> PRL secretion in smooth muscle cells of the human prostate. J Clin Endocrinol Metab. 86: 5577-84. |
| Storage | <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> |
| 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

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|---|---|
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Human Anti Mouse IgG3 (HCA039...) | FITC , HRP |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| 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 (STAR13...) | HRP |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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

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