

Datasheet: MCA1436

BATCH NUMBER 156106

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|----------------------|---------------------|
| Description: | MOUSE ANTI hCG HOLO |
| Specificity: | hCG HOLO |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | INN-hCG-53 |
| Isotype: | IgG1 |
| 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 | ▪ | | | |

Where this antibody 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 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 tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Carrier Free | Yes |

| | |
|---------------------------------------|--|
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| External Database Links | <p>UniProt:</p> <p>P01233 Related reagents</p> <p>P01215 Related reagents</p> <p>Entrez Gene:</p> <p>1082 CGB Related reagents</p> <p>1081 CGA Related reagents</p> |
| Synonyms | CGB3 |
| RRID | AB_322005 |
| Specificity | Mouse anti holo-chorionic gonadotrophin antibody, clone INN-hCG-53 recognises epitope c2 on hCG. It does not recognize free hCG subunits. |
| Western Blotting | Clone INN-hCG-53 detects a band of about 47-50 kDa under non-reducing conditions. |
| References | <ol style="list-style-type: none"> 1. Lei, Z.M. <i>et al.</i> (1993) Novel coexpression of human chorionic gonadotropin (hCG)/human luteinizing hormone receptors and their ligand hCG in human fallopian tubes. J Clin Endocrinol Metab. 77 (3): 863-72. 2. Ben-Menahem, D. <i>et al.</i> (2001) The position of the alpha and beta subunits in a single chain variant of human chorionic gonadotropin affects the heterodimeric interaction of the subunits and receptor-binding epitopes. J Biol Chem. 276 (32): 29871-9. 3. Jackson, A.M. <i>et al.</i> (1999) The biological action of choriogonadotropin is not dependent on the complete native quaternary interactions between the subunits. Mol Endocrinol. 13 (12): 2175-88. 4. Klonisch, T. <i>et al.</i> (1996) Relative location of epitopes involved in synergistic antibody binding using human chorionic gonadotropin as a model. Eur J Immunol. 26: 1897-905. |
| Storage | <p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| 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/MCA1436 10040 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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

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