### Datasheet: MCA19

<table>
<thead>
<tr>
<th>Description:</th>
<th>MOUSE ANTI hCG (BETA 1 EPITOPE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>hCG (BETA 1 EPITOPE)</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Monoclonal Antibody</td>
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<tr>
<td>Clone:</td>
<td>INN-hCG-2</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG1</td>
</tr>
<tr>
<td>Quantity:</td>
<td>0.5 mg</td>
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</tbody>
</table>

#### Product Details

**RRID**: AB_2260450

#### 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).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<tr>
<td>Immunoassay</td>
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</tbody>
</table>

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.

#### Target Species

Human

#### Product Form

Purified IgG - liquid

#### Preparation

Purified IgG prepared by affinity chromatography on Protein A

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.09% Sodium Azide

#### Carrier Free

Yes

#### Approx. Protein Concentrations

Ig concentration 1.0 mg/ml
Immunogen: hCG.

**External Database Links**

**UniProt:** P01233 Related reagents
**Entrez Gene:** 1082 CGB Related reagents

**Synonyms:** CGB3

**Fusion Partners:** Spleen cells from an immunised BALB/c mouse were fused with the mouse P3-NS1/1 - Ag 4.1 myeloma cell line.

**Specificity:** Mouse anti hCG antibody, clone INN-hCG-2 recognizes the beta 1 epitope on human chorionic gonadotrophin (hCG).

Chorionic gonadotrophin is a member of the glycoprotein hormone family that is synthesized by the placenta throughout pregnancy. The glycoprotein hormone family has 4 members, the other three being luteinising hormone (LH), follicle stimulating hormone (FSH) and thyroid stimulating hormone (TSH). All consist of two subunits, alpha and beta. The alpha subunit is highly homologous between family members.

Mouse anti hCG antibody, clone INN-hCG-2 is reactive with hCG, hCGbeta, hCGbetacaf (fragment), hCGn (nicked), hCGbetan, and CTP-hCG. No cross reaction is observed with hLH, hLHbeta, hFSH, hTSH, or the glycoprotein hormone alpha chains.

**References**


**Storage:** Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee:** 18 months from date of despatch.


**Regulatory:** For research purposes only
Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) **Alk. Phos., HRP**
Goat Anti Mouse IgG (STAR77...) **HRP**
Rabbit Anti Mouse IgG (STAR12...) **RPE**
Rabbit Anti Mouse IgG (STAR8...) **DyLight®800**
Rabbit Anti Mouse IgG (STAR13...) **HRP**
Goat Anti Mouse IgG (STAR76...) **RPE**
Goat Anti Mouse IgG (STAR70...) **FITC**
Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**
Rabbit Anti Mouse IgG (STAR9...) **FITC**
Goat Anti Mouse IgG (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP**

Recommended Negative Controls

**MOUSE IgG1 NEGATIVE CONTROL (MCA928)**

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