

## Datasheet: MCA147

<b>Description:</b>	MOUSE ANTI hCG (ALPHA 3 EPITOPE)
<b>Specificity:</b>	hCG (ALPHA 3 EPITOPE)
<b>Format:</b>	Ascites
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	INN-h-CG-5
<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	▪			

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>	Ascitic fluid - liquid
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 4 mg/ml
<b>Immunogen</b>	hCG.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P01215</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1081</a>   CGA   <a href="#">Related reagents</a></p>
<b>Fusion Partners</b>	Spleen cells of BALB/c mice fused with the mouse myeloma cell line P3 - NS1 - Ag4.1.

<b>Specificity</b>	<b>Mouse anti hCG antibody, clone INN-h-CG-5</b> recognizes an epitope on the alpha subunits of all human glycoprotein hormones. Indirect Immunofluorescence analysis on paraffin sections of human pituitaries reveals clear staining of glycoprotein hormone producing cells. Reacts with human LH, FSH, TSH, and hCG.
<b>References</b>	1. Kofler, R. <i>et al.</i> (1982) Monoclonal antibodies against human chorionic gonadotropin (hCG): I. production, specificity, and intramolecular binding sites. <a href="#">Am J Reprod Immunol. 2 (4): 212-6.</a>
<b>Further Reading</b>	1. Schwarz, S. <i>et al.</i> (1984) Molecular mapping of the immunological surface of the hCG molecule by monoclonal antibodies. <a href="#">Fresenius Z Anal Chem. 317: 727.</a>
<b>Storage</b>	Store at +4°C for one month or at -20 °C for longer  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.
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10081 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Negative Controls

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

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

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

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