

Datasheet: MCA147

BATCH NUMBER 151211

Description:	MOUSE ANTI hCG (ALPHA 3 EPITOPE)
Specificity:	hCG (ALPHA 3 EPITOPE)
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	INN-hCG-5
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	▪			

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	Ascitic fluid - liquid
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 4 mg/ml
Immunogen	hCG.

**External Database
Links**

UniProt:

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

Entrez Gene:

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

RRID AB_324158

Fusion Partners Spleen cells of BALB/c mice fused with the mouse myeloma cell line P3 - NS1 - Ag4.1.

Specificity **Mouse anti hCG antibody, clone INN-hCG-5** 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.

References 1. Kofler, R. *et al.* (1982) Monoclonal antibodies against human chorionic gonadotropin (hCG): I. production, specificity, and intramolecular binding sites. [Am J Reprod Immunol. 2\(4\): 212-6.](#)

Further Reading 1. Schwarz, S. *et al.* (1984) Molecular mapping of the immunological surface of the hCG molecule by monoclonal antibodies. [Fresenius Z Anal Chem. 317: 727.](#)

Storage 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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10081 available at: <https://www.bio-rad-antibodies.com/SDS/MCA147>
10081

Regulatory For research purposes only

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