Datasheet: MCA1436

BATCH NUMBER 148130

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.

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	**UniProt:** P01233 Related reagents P01215 Related reagents **Entrez Gene:** 1082 CGB Related reagents 1081 CGA Related reagents
Synonyms	CGB3
RRID	AB_322005
Specificity	**Mouse anti holo-chorilonic gonadotrophin anribody, 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	1. Lei, Z.M. *et al.* (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. *et al.* (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. *et al.* (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. *et al.* (1996) Relative location of epitopes involved in synergistic antibody binding using human chorionic gonadotropin as a model. Eur J Immunol. 26: 1897-905.
Storage	Store at +4^{o}C or at -20^{o}C if preferred. 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.
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
Rabbit Anti Mouse IgG (STAR13...)	HRP
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
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP

North & South America Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

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