

Datasheet: MCA1023

Description:	MOUSE ANTI hCG (HOLO C3 EPITOPE)
Specificity:	hCG (HOLO C3 EPITOPE)
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	INN-hCG-45
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			▪	
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	Purified IgG - liquid
Preparation	Purified IgM prepared by ion exchange on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1 mg/ml
Immunogen	Human CG
External Database Links	UniProt: P01215 Related reagents P01233 Related reagents

Entrez Gene:[1081](#) CGA [Related reagents](#)[1082](#) CGB [Related reagents](#)

Synonyms	CGB3
Specificity	Mouse anti hCG (Holo C3 Epitope) antibody, clone INN-hCG-45 recognizes intact human chorionic gonadotropin (hCG), binding to the c3 epitope on hCG. Mouse anti hCG (Holo C3 Epitope) antibody, clone INN-hCG-45 does not recognize the free α or β subunits of human chorionic gonadotropin.
References	1. Madersbacher, S. <i>et al.</i> (1992) Free alpha-subunit, free beta-subunit of human chorionic gonadotropin (hCG), and intact hCG in sera of healthy individuals and testicular cancer patients. Clin Chem. 38 (3): 370-6. 2. Madersbacher, S. <i>et al.</i> (1993) Serum glycoprotein hormones and their free alpha-subunit in a healthy elderly population selected according to the SENIEUR protocol. Analyses with ultrasensitive time resolved fluoroimmunoassays. Mech Ageing Dev. 71 (3): 223-33. 3. Zenzmaier, C. <i>et al.</i> (2011) Decreased levels of genuine large free hCG alpha in men presenting with abnormal semen analysis. Reprod Biol Endocrinol. 9: 114. 4. Berger, P. <i>et al.</i> (2007) Human chorionic gonadotropin (hCG) in the male reproductive tract. Mol Cell Endocrinol. 260-262: 190-6. 5. Birken, S. <i>et al.</i> (2003) Preparation and characterization of new WHO reference reagents for human chorionic gonadotropin and metabolites. Clin Chem. 49: 144-54.
Storage	Store at +4°C for one month or at -20°C for longer. 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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10040 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
HuCAL Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®549](#),
[DyLight®649](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Recommended Negative Controls

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

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