

Datasheet: HCA070

Description:	HUMAN ANTI HUMAN INHIBIN ALPHA
Specificity:	INHIBIN ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD05070
Isotype:	HuCAL Fab bivalent
Quantity:	0.1 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin (1)	▪			
ELISA	▪			1/100 - 1/500

Where this product 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 product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species

Human

Product Form

A bivalent human recombinant Fab (kappa light chain) selected from the HuCAL® GOLD phage display library. Expressed in *E. coli* and purified using metal chelate affinity chromatography. This Fab fragment is dimerized via a helix-turn-helix motif. The antibody is tagged with a myc-tag (EQKLISEEDL) and a his-tag (HHHHHH) at the C-terminus of the antibody heavy chain.

Preparation

Metal chelate affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations	Antibody concentration 0.5 mg/ml
Immunogen	Peptide comprising the first 29 amino acids of the mature inhibin alpha chain (amino acids 233-262)
External Database Links	<p>UniProt: P05111 Related reagents</p> <p>Entrez Gene: 3623 INHA Related reagents</p>
RRID	AB_1102698
Specificity	<p>Human anti Human Inhibin alpha antibody, clone AbD05070 recognizes the 32 kDa alpha subunit of human inhibin.</p> <p>Inhibin alpha is expressed in a range of tissues including prostate, brain, adrenal gland, testis and ovary. The antibody may be of value in the differentiation of adrenocortical tumors, placental and gestational trophoblastic lesions and sex cord stromal tumors.</p>
Storage	<p>Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. 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.</p>
Guarantee	12 months from date of despatch
Acknowledgements	<p>Sold under license of U.S. Patents 6753136, 7785859 and 8273688 and corresponding patents. This antibody was developed by Bio-Rad, Zeppelinstr. 4, 82178 Puchheim, Germany. His-tag is a registered trademark of EMD Biosciences.</p>
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Licensed Use	For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.
Regulatory	For research purposes only
Technical Advice	Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the HuCAL Antibodies Technical Manual

Related Products

Recommended Secondary Antibodies

Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA5995...) [HRP](#)

Goat Anti Human IgG F(ab')₂ (0500-0099...) [HRP](#)

Mouse Anti Human C-MYC (MCA2200...) [HRP](#)

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