

Datasheet: HCA044A

Description:	HUMAN ANTI HUMAN INTERFERON GAMMA
Specificity:	IFN GAMMA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD02503
Isotype:	HuCAL Fab bivalent
Quantity:	50 µg

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			▪	
ELISA (1)	▪			1 ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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) **For use as a capture reagent in Sandwich ELISA we recommend the use of [HISPEC ASSAY DILUENT](#) for sample and antibody dilution.**

Target Species	Human
Product Form	A lyophilized, bivalent human recombinant Fab selected from the HuCAL® GOLD phage display library. Expressed in <i>E. coli</i> and purified using NiNTA affinity chromatography. This Fab fragment is bivalent by dimerization of the bacterial alkaline phosphatase fusion protein. The antibody is tagged with a DYKDDDDK tag and a HIS tag at the C-terminus of the antibody heavy chain.
Reconstitution	Reconstitute with 0.5 ml distilled water
Preparation	Metal chelate affinity chromatography

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Antibody concentration 0.1 mg/ml following reconstitution
Immunogen	Purified recombinant human interferon gamma.
External Database Links	<p>UniProt: P01579 Related reagents</p> <p>Entrez Gene: 3458 IFNG Related reagents</p>
RRID	AB_906047
Specificity	Human anti Human interferon gamma antibody, clone AbD02503 recognizes human IFN gamma, a key cytokine in the immune response.
ELISA	HCA044A may be used in a sandwich ELISA assay as detection antibody in combination with HCA043 as capture antibody.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted.
Guarantee	6 months from date of reconstitution
Acknowledgements	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.
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.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](#)

Rat Anti Synthetic Peptide DYKDDDDK TAG (MCA4764...) [HRP](#)

Recommended Useful Reagents

[HISPEC ASSAY DILUENT \(BUF049A\)](#)

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'M333689:181119'

Printed on 09 Feb 2021

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