

Datasheet: HCA059

Description:	HUMAN ANTI HUMAN IgG
Specificity:	IgG
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD05985
Isotype:	HuCAL Fab monovalent
Quantity:	0.1 mg

Product Details

RRID AB_915320

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
ELISA	■			1/100 - 1/200

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.

Target Species Human

Product Form A monovalent human recombinant Fab selected from the HuCAL[®] GOLD phage display library. Expressed in *E. coli* and purified using metal chelate affinity chromatography. 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 0.01% Thiomersal

Approx. Protein Concentrations 0.5 mg/ml

Immunogen Purified human monoclonal IgG.

External Database Links

UniProt:
[P01860](#) [Related reagents](#)

[P01857](#) [Related reagents](#)

[P01859](#) [Related reagents](#)

[P01861](#) [Related reagents](#)

Entrez Gene:

[3502](#) IGHG3 [Related reagents](#)

[3500](#) IGHG1 [Related reagents](#)

[3501](#) IGHG2 [Related reagents](#)

[3503](#) IGHG4 [Related reagents](#)

Specificity	Human anti Human IgG antibody, clone AbD05985 recognizes human IgG, binding to all sub-classes of IgG. No cross reactivity is seen with other human immunoglobulin classes.
Storage	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.
Guarantee	6 months from date of despatch
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 #10094 available at: 10094: https://www.bio-rad-antibodies.com/uploads/MSDS/10094.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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Printed on 20 May 2019