

Datasheet: HCA059P

Description:	HUMAN ANTI HUMAN IgG:HRP
Specificity:	IgG
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	5985
Isotype:	HuCAL Fab monovalent
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
ELISA	▪			1/100 - 1/1000

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 <i>E. coli</i> 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, and is conjugated to horseradish peroxidase. This antibody is supplied as a liquid.
Preparation	Metal chelate affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative	0.01% Thiomersal
Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	Antibody concentration 0.1mg/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 5985 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.
Shelf Life	12 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.
Health And Safety Information	Material Safety Datasheet Documentation #10095 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10095.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 Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE PRESTAINED \(BUF057A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE PRESTAINED \(BUF057A\)](#)

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