

## Datasheet: HCA059P

<b>Description:</b>	HUMAN ANTI HUMAN IgG:HRP
<b>Specificity:</b>	IgG
<b>Format:</b>	HRP
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	AbD05985
<b>Isotype:</b>	HuCAL Fab monovalent
<b>Quantity:</b>	0.1 mg

## Product Details

**RRID** AB\_915326

**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](http://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 *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, 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 0.1 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](#)

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<b>Specificity</b>	<b>Human anti Human IgG antibody, clone AbD05985</b> recognizes human IgG, binding to all sub-classes of IgG. No cross reactivity is seen with other human immunoglobulin classes.
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	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.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10095 available at: 10095: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf</a>
<b>Licensed Use</b>	For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.
<b>Regulatory</b>	For research purposes only
<b>Technical Advice</b>	Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the <a href="#">HuCAL Antibodies Technical Manual</a>

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## 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+ \(BUF062A\)](#)

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

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