

## Datasheet: HCA082

**BATCH NUMBER 154998**

<b>Description:</b>	HUMAN ANTI HUMAN IgG (Fc)
<b>Specificity:</b>	IgG (Fc)
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	AbD06864
<b>Isotype:</b>	HuCAL Fab bivalent
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/50 - 1/500
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.

<b>Target Species</b>	Human
<b>Product Form</b>	A bivalent human recombinant Fab (lambda light chain) selected from the HuCAL® GOLD phage display library, expressed in <i>E. coli</i> . 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. This antibody is supplied liquid.
<b>Preparation</b>	Metal chelate affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Thiomersal

<b>Approx. Protein Concentrations</b>	Antibody concentration 0.5 mg/ml
<b>Immunogen</b>	Fusion protein containing the Fc region of human IgG1.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01860</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01857</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01859</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01861</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">3502</a>   IGHG3   <a href="#">Related reagents</a></p> <p><a href="#">3500</a>   IGHG1   <a href="#">Related reagents</a></p> <p><a href="#">3501</a>   IGHG2   <a href="#">Related reagents</a></p> <p><a href="#">3503</a>   IGHG4   <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_1605090
<b>Specificity</b>	<b>Human anti Human IgG (Fc) antibody, clone AbD06864</b> recognizes the Fc region of human IgG and binds to all IgG sub-classes. In normal human adults, IgG constitutes approximately 75% of the total serum immunoglobulins. Human anti Human IgG (Fc) antibody, clone AbD06864 does not cross react with other immunoglobulin classes.
<b>References</b>	1. Jamin, A. <i>et al.</i> (2018) Autoantibodies against podocytic UCHL1 are associated with idiopathic nephrotic syndrome relapses and induce proteinuria in mice. <a href="#">J Autoimmun. Jan 04 [Epub ahead of print].</a>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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>
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	<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.</p> <p>His-tag is a registered trademark of EMD Biosciences.</p>
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10094 available at: <a href="https://www.bio-rad-antibodies.com/SDS/HCA08210094">https://www.bio-rad-antibodies.com/SDS/HCA08210094</a></p>
<b>Licensed Use</b>	For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.

**Regulatory** For research purposes only

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**Technical Advice** Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the [HuCAL Antibodies Technical Manual](#)

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## Related Products

### Recommended Secondary Antibodies

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

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

Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA1396...) [Alk. Phos.](#), [Biotin](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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