

## Datasheet: HCA108

**BATCH NUMBER 161119**

<b>Description:</b>	RECOMBINANT HUMAN IgG2 LAMBDA
<b>Name:</b>	HUMAN IgG2 LAMBDA
<b>Format:</b>	Purified
<b>Product Type:</b>	Recombinant Protein
<b>Clone:</b>	AbD00264_hIgG2
<b>Isotype:</b>	IgG2 Lambda
<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	▪			
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>Product Form</b>	Human IgG2 antibody selected from the HuCAL® phage display library and expressed in a human cell line, HKB-11. This antibody is supplied liquid.
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Thiomersal
<b>Approx. Protein Concentrations</b>	Total protein concentration 0.5 mg/ml

Immunogen Green fluorescent protein

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**External Database**

**Links**

**UniProt:**

[P01859](#)   [Related reagents](#)

**Entrez Gene:**

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

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**RRID**

AB\_1963555

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**Product Information**

**Recombinant Human IgG2 lambda** contains a lambda light chain. The heavy chain belongs to the G2m(..), previously designated G2m(n-), allotype. Recombinant Human IgG2 lambda is a recombinant antibody with specificity for Green Fluorescent Protein. It has no known reactivity with mammalian proteins or other antigens. It is therefore recommended as a control reagent for assays where this immunoglobulin is measured, or when using other human antibodies of the same isotype and subclass. It is recommended that this reagent is used at the same concentration as the test reagent.

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**References**

1. Madan, B. *et al.* (2016) USP6 oncogene promotes Wnt signaling by deubiquitylating Frizzleds. [Proc Natl Acad Sci U S A. May 9. pii: 201605691. \[Epub ahead of print\]](#)

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**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

This product and/or its use is covered by claims of U.S. patents, and/or pending U.S. and non-U.S. patent applications owned by or under license to Bio-Rad Laboratories, Inc. See [bio-rad.com/en-us/trademarks](http://bio-rad.com/en-us/trademarks) for details.

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**Health And Safety Information**

Material Safety Datasheet documentation #10094 available at: <https://www.bio-rad-antibodies.com/SDS/HCA108>  
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**Licensed Use**

For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.

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**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 Human IgG (Fc) (CH2 DOMAIN) (MCA647...) [HRP](#)

Goat Anti Human IgG F(ab')<sub>2</sub> (0500-0099...) [Alk. Phos.](#), [HRP](#)

Goat Anti Human IgG F(ab')<sub>2</sub> (STAR126...) [Purified](#), [Alk. Phos.](#), [Biotin](#), [FITC](#), [HRP](#),  
[TRITC](#)

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