

Datasheet: HCA108

BATCH NUMBER 172318

Description:	RECOMBINANT HUMAN IgG2 LAMBDA
Name:	HUMAN IgG2 LAMBDA
Format:	Purified
Product Type:	Recombinant Protein
Clone:	AbD00264_hIgG2
Isotype:	IgG2 Lambda
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
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.

Product Form	Human IgG2 antibody selected from the HuCAL phage display library and expressed in a human cell line, HKB-11. This antibody is supplied liquid.
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Source	HKB-11
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein	Total protein concentration 0.5 mg/ml

Concentrations

Immunogen Green fluorescent protein

External Database Links

UniProt:

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

Entrez Gene:

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

RRID AB_1963555

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.

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. \[Epub ahead of print\]](#)

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.

Guarantee

12 months from date of despatch

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 for details.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/HCA108>

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

Goat Anti Human IgG F(ab')₂ (0500-0099...)

[Alk. Phos.](#), [HRP](#)

Goat Anti Human IgG F(ab')₂ (STAR126...)

[Purified](#), [Alk. Phos.](#), [Biotin](#), [FITC](#), [HRP](#),
[TRITC](#)

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

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

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