

Datasheet: HCA049A

Description:	RECOMBINANT HUMAN IgG1 LAMBDA
Name:	HUMAN IgG1 LAMBDA
Format:	Purified
Product Type:	Recombinant Protein
Clone:	AbD264_hIgG1
Isotype:	IgG1 Lambda
Quantity:	50 µg

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 IgG1 antibody selected from the HuCAL GOLD phage display library and expressed in a human cell line, HKB-11 - liquid.
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal
Approx. Protein Concentrations	Antibody concentration 0.5mg/ml
Immunogen	Green fluorescent protein.
External Database Links	UniProt: C6KXN3 Related reagents P01857 Related reagents

Entrez Gene:

[3500](#) IGHG1 [Related reagents](#)

Specificity **Recombinant Human IgG1 lambda, clone AbD264_hIgG1** contains a lambda light chain. The heavy chain belongs to the G1m(f), previously designated G1m3, allotype.

This product is a recombinant antibody with specificity for green fluorescent protein (GFP). 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.

Product Information **Recombinant Human IgG1 lambda, clone AbD264_hIgG1** contains a lambda light chain. The heavy chain belongs to the G1m(f), previously designated G1m3, allotype.

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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. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 6 months from date of despatch.

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 #10094 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10094.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 Secondary Antibodies

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

Goat Anti Human IgG F(ab')₂ (0500-0099...) [HRP](#)

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