

Datasheet: HCA192G

Description:	RECOMBINANT HUMAN IgG1 KAPPA ALLOTYPIC G1m3
Name:	HUMAN IgG1 KAPPA ALLOTYPIC G1m3
Format:	Purified
Product Type:	Recombinant Protein
Clone:	AbD18705_hIgG1
Isotype:	IgG1 Kappa
Quantity:	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
ELISA	■			

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® phage display library and expressed in a human cell line -This antibody is supplied as a 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 1.0 mg/ml

Immunogen Green fluorescent protein

External Database Links

UniProt:

[P01834](#) [Related reagents](#)

[P01857](#) [Related reagents](#)

Entrez Gene:

[3514](#) IGKC [Related reagents](#)

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

Specificity **Recombinant Human IgG1 Kappa, clone AbD18705_hlgG1** is a recombinant human IgG1 antibody with a kappa light chain and a heavy chain belonging to the G1m(f) allotype, previously designated G1m3 ([GenBank AAT49050](#)).

Recombinant Human IgG1 Kappa, clone AbD18705_hlgG1 is specific for Green Fluorescent Protein and has no known reactivity with mammalian proteins or other antigens. This product is recommended for use as a standard in assays designed to measure IgG1 levels, or as a control antibody when using other human antibodies of the same isotype and subclass.

Recombinant Human IgG1 Kappa, clone AbD18705_hlgG1 forms part of a range of human recombinant immunoglobulins containing the kappa light chain. A similar range of recombinant human immunoglobulins containing the lambda light chain is also available from Bio-Rad.

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.

Guarantee 12 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: 10094: <https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf>

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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 Useful Reagents

[RECOMBINANT HUMAN IgG1 LAMBDA ALLOTYPE G1m3 \(HCA049\)](#)

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