

Datasheet: HCA192G

BATCH NUMBER 150376

Description:	RECOMBINANT HUMAN IgG1 KAPPA ALLOTYPIC G1m3
Name:	HUMAN IgG1 KAPPA ALLOTYPIC G1m3
Format:	Purified
Product Type:	Recombinant Protein
Clone:	AbD18705_hlgG1
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](https://www.uniprot.org/entry/P01834)

[Related reagents](#)

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

Entrez Gene:

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

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

Specificity	<p>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).</p> <p>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.</p> <p>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.</p>
Storage	<p>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.</p>
Guarantee	<p>12 months from date of despatch</p>
Acknowledgements	<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>
Health And Safety Information	<p>Material Safety Datasheet documentation #10094 available at: https://www.bio-rad-antibodies.com/SDS/HCA192G10094</p>
Licensed Use	<p>For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.</p>
Regulatory	<p>For research purposes only</p>
Technical Advice	<p>Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the HuCAL Antibodies Technical Manual</p>

Related Products

Recommended Useful Reagents

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

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

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