

Datasheet: HCA190

BATCH NUMBER 147915

Description:	RECOMBINANT HUMAN IgE KAPPA
Name:	HUMAN IgE KAPPA
Format:	Purified
Product Type:	Recombinant Protein
Clone:	AbD18705_hIgE
Isotype:	IgE Kappa
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 IgE antibody selected from the HuCAL® phage display library and expressed in a human cell line. This antibody is supplied as a liquid.
Preparation	Purified IgE prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal
Approx. Protein Concentrations	Total protein concentration 0.5 mg/ml

Immunogen Green fluorescent protein

Specificity **Recombinant Human IgE kappa, clone AbD18705_hIgE** is a recombinant human IgE antibody with a kappa light chain. Clone AbD18705_hIgE is specific for green fluorescent protein (GFP) 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 IgE levels, or as a control antibody when using other human antibodies of the same isotype and subclass.

Recombinant Human IgE kappa, clone AbD18705_hIgE forms part of a range of human recombinant immunoglobulins containing the kappa light chain. A similar range of reagents 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: <https://www.bio-rad-antibodies.com/SDS/HCA19010094>

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 Useful Reagents

[RECOMBINANT HUMAN IgE LAMBDA \(HCA171\)](#)

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

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