

Datasheet: HCA191

BATCH NUMBER 169491

Description:	RECOMBINANT HUMAN IgM KAPPA
Name:	HUMAN IgM KAPPA
Format:	Purified
Product Type:	Recombinant Protein
Clone:	AbD18705_hIgM
Isotype:	IgM
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
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 IgM antibody selected from the HuCAL phage display library and expressed in a human cell line. This product is supplied as a liquid.
Preparation	Purified IgM prepared by affinity chromatography
Source	HKB-11
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Total protein concentration 0.5 mg/ml
Immunogen	Green fluorescent protein (GFP)

**External Database
Links**

UniProt:

[P01871](#) [Related reagents](#)
[P01834](#) [Related reagents](#)

Entrez Gene:

[3507](#) IGHM [Related reagents](#)
[3514](#) IGKC [Related reagents](#)

Specificity

Recombinant human IgM kappa, clone AbD18705_hIgM is a recombinant human IgM antibody with a kappa light chain.

Clone AbD18705_hIgM 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 control reagent when using other human antibodies of the same isotype.

Clone AbD18705_hIgM forms part of a range of human recombinant immunoglobins containing the kappa light chain. A similar range of reagents containing the lambda light chain is also available from Bio-Rad.

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/HCA191>

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](#).

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
'M428337:240301'

