

Datasheet: HCA201

Description:	HUMAN ANTI RITUXIMAB
Specificity:	RITUXIMAB
Other names:	MabThera®, Rituxan®
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD18423_hlgG1
Isotype:	IgG1
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 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	Total protein concentration 0.5 mg/ml
Immunogen	Rituximab
Specificity	Rituximab is a therapeutic reagent directed against the human CD20 cell surface antigen. Clone AbD18423_hlgG1 is an anti-idiotypic antibody that specifically recognises the

rituximab humanised monoclonal antibody. This fully human antibody can be used to develop and calibrate immune response assays to measure the anti-drug antibody (ADA) response in patient sera

Affinity	The intrinsic affinity of the monovalent form of this antibody is $K_D=0.13$ nM as measured by real time, label-free molecular interaction analysis on immobilized rituximab.
ELISA	This product may be used in a direct ELISA or as a detection reagent, when conjugated to HRP in a sandwich ELISA . Protocol: PK bridging ELISA to measure free drug This antibody is fully human and can be used as a reference standard in an ADA assay. Protocol: ADA bridging ELISA .
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 $2-8^{\circ}\text{C}$ 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 #10094 available at: 10094: https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf
Licensed Use	For <i>in vitro</i> research purposes and for commercial applications for the provision of <i>in vitro</i> testing services to support preclinical and clinical drug development. Any re-sale in any form or any other commercial application needs a written agreement with 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 Negative Controls

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

Recommended Useful Reagents

[RAT ANTI RITUXIMAB \(MCA2260\)](#)

[HUMAN ANTI RITUXIMAB \(HCA061\)](#)

[HUMAN ANTI RITUXIMAB \(HCA062\)](#)

[RAT ANTI RITUXIMAB:FITC \(MCA2260F\)](#)

[HUMAN ANTI RITUXIMAB \(HCA186\)](#)
[RAT ANTI RITUXIMAB:HRP \(MCA2260P\)](#)

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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
'M407494:221007'

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