

Datasheet: HCA201

BATCH NUMBER 162457

Description:	HUMAN ANTI RITUXIMAB
Specificity:	RITUXIMAB
Other names:	MabThera®, Rituxan®
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD18423_hIgG1
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 monovalent intrinsic affinity of this antibody was measured as $KD=0.13$ nM by real time, label-free molecular interaction analysis on immobilized rituximab.
ELISA	<p>This product may be used in a direct ELISA or as a detection reagent, when conjugated to HRP in a sandwich ELISA .</p> <p>Protocol: PK bridging ELISA to measure free drug</p> <p>This antibody is fully human and can be used as a reference standard in an ADA assay.</p> <p>Protocol: ADA bridging ELISA</p>
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
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: https://www.bio-rad-antibodies.com/SDS/HCA20110094
Licensed Use	For in vitro research purposes and for commercial applications for the provision of in vitro 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 ALLOTYPE 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 \(MCA2260P\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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

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