

Datasheet: HCA243

BATCH NUMBER 174335

Description:	HUMAN ANTI GOLIMUMAB
Specificity:	GOLIMUMAB
Other names:	SIMPONI
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD20897_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
Source	HKB-11
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Antibody concentration 0.5 mg/ml
Immunogen	Golimumab.

Specificity	Human anti golimumab, clone AbD20897_hlgG1 is a Type 2 anti-idiotypic antibody that specifically recognizes free golimumab and the drug/tumor necrosis factor alpha (TNFα) complex. Clone AbD20897_hlgG1 does not inhibit the binding of golimumab to TNFα and can be used to measure the total golimumab levels in serum from patients, or for pharmacokinetic (PK) assay development. This antibody is not suitable for the development and calibration of anti-drug antibody (ADA) assays. Golimumab, marketed under the brand name Simponi, is a recombinant human IgG1/kappa monoclonal antibody approved for the treatment of rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis. This therapeutic antibody, directed against TNFα, acts by blocking the binding of TNFα to its receptors, resulting in a down-regulation of the inflammatory response associated with autoimmune diseases. View a summary of all anti-golimumab antibodies.
Affinity	The intrinsic affinity the monovalent form of Human anti Golimumab antibody, clone AbD20897_hlgG1 is $K_D = 7$ nM as measured by real time, label free molecular interaction analysis on immobilized Golimumab.
References	1. Kashiwagi, N. <i>et al.</i> (2017) Method for measuring anti-drug antibody US Patent Application US20170315118A1
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. Simponi is a trademark of Janssen Biotech, Inc. in the USA and Merck & Co, Inc. in Europe.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/HCA243
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 Useful Reagents

[HUMAN ANTI GOLIMUMAB \(HCA242\)](#)

[HUMAN ANTI GOLIMUMAB \(HCA240\)](#)

[LYNX RAPID HRP ANTIBODY CONJUGATION KIT \(LNK001P\)](#)

[LYNX RAPID HRP ANTIBODY CONJUGATION KIT \(LNK002P\)](#)

[LYNX RAPID HRP ANTIBODY CONJUGATION KIT \(LNK003P\)](#)

[LYNX RAPID HRP ANTIBODY CONJUGATION KIT \(LNK004P\)](#)

[LYNX RAPID HRP ANTIBODY CONJUGATION KIT \(LNK005P\)](#)

[LYNX RAPID HRP ANTIBODY CONJUGATION KIT \(LNK006P\)](#)

[HISPEC ASSAY DILUENT \(BUF049A\)](#)

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

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