

Datasheet: MCA6091

Description:	HUMAN ANTI CD20 (RITUXIMAB BIOSIMILAR)
Specificity:	CD20
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	10F381
Isotype:	IgG1
Quantity:	0.2 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.

Target Species	Human
Product Form	Human IgG1 (kappa) antibody - liquid
Preparation	Purified recombinant IgG prepared by affinity chromatography on Protein A from a mammalian cell line
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Proclin 300
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human lymphoblastoid cell line SB

Specificity **Human Anti-CD20 antibody, clone 10F381** is a research grade biosimilar of the monoclonal antibody drug rituximab. This product is supplied in a research grade format,

i.e. in PBS buffer with preservative, it is not manufactured or formulated in the same way as the therapeutic reference product. A preservative free version is available [on request](#).

This product is a recombinant human IgG1 kappa antibody with variable regions from the therapeutic rituximab antibody clone 10F381.

This antibody is for research use only. It is suitable as a reference standard in a pharmacokinetic (PK) bridging ELISA with anti-rituximab antibodies, for example [HCA186](#) and [HCA201](#). It can also be used as capture and detection reagent in an anti-drug antibody (ADA) bridging ELISA, with an anti-rituximab antibody in IgG1 format as a reference standard, for example [HCA201](#).

Rituximab is a chimeric monoclonal antibody with murine variable region and human constant domains. It targets CD20, a protein found on the surface of B cells. Binding of the drug to its target triggers cell death through a number of mechanisms, including apoptosis, complement activation and cell-mediated cytotoxicity. Rituximab has been approved for the treatment of B cell malignancies, transplant rejection and autoimmune disorders.

This product is NOT FOR THERAPEUTIC USE.

[View a summary of supporting anti-rituximab antibody products.](#)

Purity	>98% by SDS PAGE
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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.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #20463 available at: 20463: https://www.bio-rad-antibodies.com/uploads/MSDS/20463.pdf
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Licensed Use	For in vitro research purposes only. Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
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Regulatory	For research purposes only
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Related Products

Recommended Useful Reagents

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

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

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

[HUMAN ANTI RITUXIMAB:HRP \(HCA061P\)](#)
[HUMAN ANTI RITUXIMAB \(HCA062\)](#)
[HUMAN ANTI RITUXIMAB:HRP \(HCA062P\)](#)
[HUMAN ANTI RITUXIMAB \(HCA186\)](#)
[HUMAN ANTI RITUXIMAB \(HCA201\)](#)
[RAT ANTI RITUXIMAB:FITC \(MCA2260F\)](#)
[RAT ANTI RITUXIMAB:HRP \(MCA2260P\)](#)
[RAT ANTI RITUXIMAB \(MCA2260\)](#)

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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
'M384064:210513'

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