

Datasheet: MCA6090

Description:	HUMAN ANTI TNF ALPHA (INFLIXIMAB BIOSIMILAR)
Specificity:	TNF ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	cA2
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 TNF α

Specificity

Human Anti-TNF alpha Antibody is a research grade biosimilar of the monoclonal antibody drug infliximab. 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 infliximab antibody clone cA2.

This antibody is for research use only. It is suitable as a reference standard in a pharmacokinetic (PK) bridging ELISA with anti-infliximab antibodies, for example [HCA214](#) and [HCA216](#). It can also be used as capture and detection reagent in an anti-drug antibody (ADA) bridging ELISA, with an anti-infliximab antibody in IgG1 format as a reference standard, for example [HCA213](#) or [HCA233](#).

Infliximab, also known as Remicade, is a chimeric IgG1 kappa monoclonal antibody approved for the treatment of psoriasis, Crohn's disease, ankylosing spondylitis, psoriatic arthritis, rheumatoid arthritis and ulcerative colitis. This therapeutic antibody is directed against TNF alpha and acts by blocking the binding of TNF alpha to its receptors, resulting in a down-regulation of the inflammatory response associated with autoimmune diseases.

This product is NOT FOR THERAPEUTIC USE.

[View a summary of supporting anti-infliximab 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 INFLIXIMAB \(HCA212\)](#)

[HUMAN ANTI INFLIXIMAB \(HCA213\)](#)

[HUMAN ANTI INFLIXIMAB:HRP \(HCA213P\)](#)
[HUMAN ANTI INFLIXIMAB \(HCA214\)](#)
[HUMAN ANTI INFLIXIMAB \(HCA215\)](#)
[HUMAN ANTI INFLIXIMAB \(HCA216\)](#)
[HUMAN ANTI INFLIXIMAB:HRP \(HCA216P\)](#)
[HUMAN ANTI INFLIXIMAB \(HCA233\)](#)
[HUMAN ANTI INFLIXIMAB \(HCA234\)](#)

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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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