

Datasheet: MCA6106

BATCH NUMBER 157567

Description:	HUMAN ANTI IL6R (TOCILIZUMAB BIOSIMILAR)
Specificity:	IL6R
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	rhPM-1
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	Mouse AUK 12-20 antibody CDRs grafted onto human framework

**External Database
Links**

UniProt:

[A0N0L5](#)

[Related reagents](#)

Specificity

Human Anti-IL6R Antibody, clone rhPM-1 is a research grade biosimilar of the monoclonal antibody drug tocilizumab. It is a recombinant human IgG1 kappa antibody with variable regions from the therapeutic antibody tocilizumab.

Human Anti-IL6R Antibody is for research use only. It is suitable as a reference standard in a pharmacokinetic (PK) bridging ELISA with anti-tocilizumab antibodies, for example [HCA252](#) and [HCA253P](#). It can also be used as capture and detection reagent in an anti-drug antibody (ADA) bridging ELISA, with an anti-tocilizumab antibody in IgG1 format as reference standard, for example [HCA253](#).

Tocilizumab (Actemra/RoActemra) is a humanized IgG1/kappa monoclonal antibody approved for the treatment of moderate to severe rheumatoid arthritis and for the treatment of systemic juvenile idiopathic arthritis. The therapeutic antibody is directed against IL-6R and acts by blocking the binding of IL-6R (both the soluble form, sIL-6R, and the membrane bound form, mIL-6R) to IL-6, thus impeding the pro-inflammatory properties of this cytokine.

This product is NOT FOR THERAPEUTIC USE.

View a summary of supporting anti-tocilizumab antibody products.

Purity

>98% by SDS PAGE

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #20463 available at:

<https://www.bio-rad-antibodies.com/SDS/MCA6106>

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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.

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

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

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

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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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