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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Tocilizumab Biosimilar - Research Grade [ICH4012]

SKU: ICH4012

Link: <https://www.ichor.bio/product/tocilizumab-biosimilar-research-grade-ich4012/>

Tocilizumab

As of 1st January 2020 is FDA approved for treating:

Giant Cell Arteritis

Rheumatoid Arthritis

Juvenile Idiopathic Arthritis

FDA Approved: Yes (First approved January 8, 2010)
Brand name: Actemra
Generic name: Tocilizumab
Dosage form: Injection
Company: Genentech USA, Inc.
Target: Interleukin-6 (IL-6) receptor
Tocilizumab Biosimilar - Research Grade [ICH4012]

ichor.bio
THE BEST ANTIBODIES FOR IN VIVO RESEARCH

Product Information

Category: anti-human, Biosimilar Antibodies, Low Endotoxin

Size: 2mg, 5mg, 10mg, 20mg, 25mg, 50mg, 100mg

Product Description

Product Benefits:

ichorbio's Tocilizumab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. ichorbio offers Amazon vouchers or donations to the NC3Rs for

reviews of this product: click [here \(http://www.ichor.bio/amazon-vouchers/\)](http://www.ichor.bio/amazon-vouchers/) for more information. ichorbio: the best antibodies for *in vivo* research.

Size:

ichorbio's research grade tocilizumab biosimilar is available in the following sizes: 5mg, 10mg, 20mg ichorbio regularly manufactures bulk multi-gram amounts of our tocilizumab biosimilar - please contact us for pricing.

Target:

IL-6 Receptor

Clone:

n/a

Isotype:

IgG1 kappa

Other Names:

Interleukin-6 Receptor, IL6R

Host:

Humanized

Species Reactivity:

Human

Specificity:

Detects human IL-6 receptor. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Tocilizumab. This product is for research use only.

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background:

Tocilizumab is a recombinant humanized anti-human interleukin 6 (IL-6) receptor monoclonal antibody of the immunoglobulin IgG1 κ (gamma 1, kappa) subclass with a typical H2L2 polypeptide structure. Each light chain and heavy chain consists of 214 and 448 amino acids, respectively. The four polypeptide chains are linked intra- and inter-molecularly by disulfide bonds. Tocilizumab has a molecular weight of approximately 148 kDa. The antibody is produced in mammalian (Chinese hamster ovary) cells.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

Tocilizumab Biosimilar - Research Grade is stable for at least four (4) weeks when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

Functional Assays

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

ichorbio's tocilizumab biosimilar is for research use only: it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.