

Tocilizumab Biosimilar - Research Grade

Bulk Tocilizumab Biosimilar - Research Grade

Product Benefits:

ichorbio's Tocilizumab Biosimilar - Research Grade is manufactured in a cGMP compliant facility.

Size:

ichorbio's research grade tocilizumab biosimilar is available in the following sizes: 5mg, 10mg, 20mg, 100mg
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.

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 γ (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:

Sterile, preservative-free, clear, colorless to slightly yellow liquid with a pH of about 6.5, containing phosphoric acid salt buffer, polysorbate 80 and sucrose. 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 (RUO). **Isotype Control:**

[Bulk Human IgG1 Isotype Control \(IB1\) \[ICH2254\]](#)