

Obinutuzumab Biosimilar - Research Grade

Product Code: ICH4026

Bulk Obinutuzumab Biosimilar - Research Grade

Product Benefits:

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

Size:

ichorbio's research grade obinutuzumab biosimilar is available in the following sizes: 5mg, 10mg, 20mg, 50mg, 100mg ichorbio regularly manufactures bulk multi-gram amounts of our obinutuzumab biosimilar - please contact us for pricing.

Target:

CD20

Clone:

n/a

Isotype:

IgG1

Other Names:

B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, MS4A1, afutuzumab

Host:

Humanized

Species Reactivity:

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Human

Specificity:

Detects human CD20.

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:

Obinutuzumab biosimilar is a humanized anti-CD20 monoclonal antibody of the IgG1 subclass. It recognizes a specific epitope of the CD20 molecule found on B cells. The molecular mass of the antibody is approximately 150 kDa. It is produced by mammalian cell (CHO) suspension culture. It was engineered for reduced fucose content as compared to a typical IgG1 produced in CHO cells.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, clear, colorless to brownish, preservative-free solution, containing Histidine/L-histidine hydrochloride, trehalose and 0.02% poloxamer 188, pH 6.0. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at - 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

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Functional Assays

Application Notes:

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

Use: ichorbio's obinutuzumab biosimilar is for research use only (RUO). **Isotype Control:**

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