

# Ofatumumab Biosimilar - Research Grade

**Bulk Ofatumumab Biosimilar - Research Grade**

**Product Benefits:**

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

**Size:**

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

**Target:**

CD20

**Clone:**

n/a

**Isotype:**

IgG1 kappa

**Other Names:**

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

**Host:**

Humanized

**Species Reactivity:**

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:**



Ofatumumab biosimilar is an IgG1 $\gamma$  human monoclonal antibody with a molecular weight of approximately 149 kDa. The antibody is produced in a recombinant CHO cell line using standard mammalian cell cultivation and purification technologies.

**Concentration:**

1.0 - 5.0 mg/ml

**Formulation:**

Sterile, clear to milky white, colorless, preservative-free liquid, with a pH of 5.5, containing arginine, sodium ethylenediaminetetraacetate, polysorbate 80, sodium acetate, and sodium chloride. 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:**

Functional Assays

**Application Notes:**

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

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

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