

# Omalizumab Biosimilar - Research Grade

**Bulk Omalizumab Biosimilar - Research Grade**

**Product Benefits:**

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

**Size:**

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

**Target:**

IgE

**Clone:**

n/a

**Isotype:**

IgG1 kappa

**Other Names:**

Immunoglobulin E

**Host:**

Humanized

**Species Reactivity:**

Human

**Specificity:**

Detects human IgE.

**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:**



Omalizumab biosimilar is a recombinant DNA-derived humanized IgG1 $\gamma$  monoclonal antibody that selectively binds to human immunoglobulin E (IgE). The antibody has a molecular weight of approximately 149 kiloDaltons. Omalizumab is produced by a Chinese hamster ovary cell suspension culture in a nutrient medium.

**Concentration:**

1.0 - 5.0 mg/ml

**Formulation:**

Sterile, preservative-free, clear solution containing L-histidine, monohydrate L-histidine hydrochloride, polysorbate 20, and sucrose. 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:**

Functional Assays

**Application Notes:**

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

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

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