

# Obexelimab Biosimilar - Research Grade

**Product Code:** ICH5719

**More Information**

**Species Reactivity:** Human

**Target:** CD19

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

**product name H2:** Obexelimab Biosimilar - Research Grade

**Sequence:** <https://www.imgt.org/mAb-DB/>

**Buffer:** ICH3002

**UniProt:** P15391;P15391;P25918;P51677

**Shipping Conditions:** Blue ice

**background:** CD19 is a B-cell-restricted co-receptor and a heavily studied target in B-cell malignancy and autoimmunity research. Modeled on obexelimab, this unconjugated, non-therapeutic human IgG1 kappa antibody is expressed in CHO cells against human CD19. Provided for research use only, it is purified to a low-endotoxin grade suitable for in vivo studies and offered in scalable milligram (mg) to gram (g) batches for high-throughput and heavy-usage programs. It serves as a dependable reagent for B-cell phenotyping, functional signaling assays, in vivo immunology models, and antibody-engineering workflows. Tight quality control makes it a steady reagent for high-throughput pipelines.

**Other names:** RB4v1.2 ;B lymphocyte surface antigen B4, Leu-12

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.



**Purity:** >90% by SDS-PAGE

**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

**Applications:** Functional Assays

**Application Notes:** This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.

**Delivery Time:** 3-4 weeks