

# Ocaratuzumab Biosimilar - Research Grade

**Product Code:** ICH5721

**More Information**

**Species Reactivity:** Human

**Target:** MS4A1

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P11836

**Shipping Conditions:** Blue ice

**background:** MS4A1 (CD20) is a B-lineage surface protein and one of the most extensively targeted antigens in immunology research. This unconjugated human IgG1 kappa antibody is a non-therapeutic analog of ocaratuzumab, expressed in CHO cells against human MS4A1. Supplied for research use only, it is purified to low endotoxin for in vivo suitability and produced in scalable milligram (mg) to gram (g) lots to support high-throughput, heavy-usage laboratories. Researchers apply it in B-cell depletion studies, ADCC and CDC assays, functional characterization, and preclinical models of B-cell biology. Consistent lot-to-lot performance makes it dependable for repeated, large-scale experimentation.

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

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

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2026



**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