

# Blontuvetmab Biosimilar - Research Grade

**Product Code:** ICH5409

**More Information**

**Species Reactivity:** Human

**Target:** MS4A1

**Concentration:** 5mg/ml

**Isotype:** IgG2 - kappa-lambda

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P11836

**Shipping Conditions:** Blue ice

**background:** MS4A1 (CD20) is a B-cell-surface protein essential to B-lymphocyte biology and a foundational target across lymphoma and autoimmunity research. This reagent is an unconjugated, non-therapeutic analog of blontuvetmab, a human IgG2 (kappa-lambda) recombinant antibody supplied for research use only. It is an ultra-pure, low-endotoxin preparation meeting in vivo standards and produced in scalable milligram-to-gram quantities for high-throughput laboratories. It is well matched to functional assays, B-cell depletion and ADCC studies, in vitro screening and preclinical models that investigate CD20-directed strategies, with reliable lot-to-lot consistency. As a research-use-only reagent, it combines a low-endotoxin in vivo-grade format with scalable milligram-to-gram production for demanding studies.



**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