

# Bapotulimab Biosimilar - Research Grade

**Product Code:** ICH5372

**More Information**

**Species Reactivity:** Human

**Target:** ILDR2<sup>1/2</sup>

**Concentration:** 5mg/ml

**Isotype:** IgG2 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q71H61

**Shipping Conditions:** Blue ice

**background:** ILDR2 is an immunoglobulin-like domain-containing receptor implicated in immune tolerance and T-cell regulation, drawing growing interest in autoimmunity and immuno-oncology research. This reagent is an unconjugated, non-therapeutic analog of bapotulimab, expressed as a human IgG2-kappa recombinant monoclonal for research use only. It comes in a low-endotoxin, in vivo-suitable format and is produced in scalable milligram-to-gram quantities to support bulk consumption and high-throughput screening campaigns. The antibody is appropriate for functional assays, receptor-interaction studies, isotype-matched comparisons and preclinical models that examine ILDR2-mediated immune modulation. Its low-endotoxin, in vivo-grade formulation and scalable milligram-to-gram supply make it dependable for repeat, high-volume experimentation.

**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