

# Tomaralimab Biosimilar - Research Grade

**Product Code:** ICH5932

**More Information**

**Species Reactivity:** Human

**Target:** TLR2 $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG4 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** O60603

**Shipping Conditions:** Blue ice

**background:** Toll-like receptor 2 (TLR2) is an innate-immune pattern-recognition receptor that initiates inflammatory signaling, a recurring subject of immunology research. This product is a non-therapeutic, unconjugated analog of tomaralimab, a recombinant anti-TLR2 monoclonal antibody for research use only. Manufactured to in vivo standards with low endotoxin, it is available in scalable milligram to gram quantities for bulk and high-throughput laboratories. The antibody suits receptor-blockade functional assays, in vitro innate-signaling screens, and in vivo models of TLR-driven inflammation. Consistent quality across lots makes it a practical choice for laboratories running sustained study programs. Uniform, reproducible material supports robust experimental design at research scale.

**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