

# Tavolimab Biosimilar - Research Grade

**Product Code:** ICH5903

**More Information**

**Species Reactivity:** Human

**Target:** TNFRSF4 $\frac{1}{2}$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P43489

**Shipping Conditions:** Blue ice

**background:** OX40 (TNFRSF4) is a costimulatory receptor that boosts T-cell expansion and survival and is widely studied in immuno-oncology and autoimmunity. Described here is a non-therapeutic, unconjugated analog of tavolimab, a recombinant anti-OX40 monoclonal antibody for research use only. It is manufactured to in vivo standards in a low-endotoxin format and made in scalable milligram to gram quantities for bulk and high-throughput laboratories. Applications include costimulation functional assays, in vitro T-cell activation screens, and in vivo immune-modulation models. Its reproducible formulation and scalable volumes support standardized results in bulk research. Batch consistency and ready availability make it a steady reagent for high-demand laboratories.

**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