

# Vonlerolizumab Biosimilar - Research Grade

**Product Code:** ICH5989

**More Information**

**Species Reactivity:** Human

**Target:** TNFRSF4

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P43489

**Shipping Conditions:** Blue ice

**background:** OX40 (TNFRSF4) is a co-stimulatory receptor that amplifies effector and memory T-cell responses, making it a notable target in cancer immunotherapy research. This recombinant human IgG1 antibody is an unconjugated, non-therapeutic analog of vonlerolizumab directed against TNFRSF4 and is supplied for research use only (RUO). It is purified to a low-endotoxin standard suitable for in vivo studies and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. It serves as a co-stimulation reference reagent and control across in vitro T-cell activation assays, agonist studies, and preclinical tumor immunology models.

**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