

# Tuvonralimab Biosimilar - Research Grade

**Product Code:** ICH5951

**More Information**

**Species Reactivity:** Human

**Target:** CTLA4

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P09793;P16410

**Shipping Conditions:** Blue ice

**background:** As a co-inhibitory receptor that dampens T-cell priming, CTLA-4 ranks among the most studied immune checkpoints in oncology research. This recombinant human IgG1 antibody is an unconjugated, non-therapeutic analog of tuvonralimab targeting CTLA-4, supplied for research use only (RUO). It is formulated to a low-endotoxin standard suited to in vivo applications and produced in scalable milligram to gram quantities so that bulk and high-throughput laboratories never run short. Investigators commonly deploy it as a checkpoint-blockade control and functional reagent across in vitro T-cell activation assays, ADCC studies, and preclinical tumor immunotherapy 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