

# Ociperlimab Biosimilar - Research Grade

**Product Code:** ICH5722

**More Information**

**Species Reactivity:** Human

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

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q495A1

**Shipping Conditions:** Blue ice

**background:** TIGIT is an inhibitory immune checkpoint on T and NK cells and a prominent focus of immuno-oncology research. This research-grade human IgG1 kappa antibody is an unconjugated, non-therapeutic analog of ociperlimab, generated in CHO cells against human TIGIT. For research use only, it is prepared to a low-endotoxin standard suited to in vivo work and offered in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It supports checkpoint-blockade functional assays, NK- and T-cell activity studies, ADCC investigations, and preclinical tumor-immunity models. Its reproducible quality supports demanding workflows that consume reagent at 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

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**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