

# Tuparstobart Biosimilar - Research Grade

**Product Code:** ICH5948

**More Information**

**Species Reactivity:** Human

**Target:** LAG3

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P18627

**Shipping Conditions:** Blue ice

**background:** Lymphocyte-activation gene 3 (LAG-3) is an inhibitory immune checkpoint that restrains T-cell activation and has become a central target in cancer immunotherapy research. This product is an unconjugated, non-therapeutic analog of tuparstobart, a recombinant human IgG1 antibody directed against LAG-3 and supplied for research use only (RUO). Manufactured to rigorous in vivo standards, the low-endotoxin preparation is available in scalable milligram to gram quantities for laboratories running demanding or high-throughput workflows. It functions effectively as a checkpoint-blockade reference reagent and active tool spanning in vitro T-cell assays, combination-immunotherapy screening, and in vivo 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