

# Sovipostobart Biosimilar - Research Grade

**Product Code:** ICH5879

**More Information**

**Species Reactivity:** Human

**Target:** CTLA4 $\alpha$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P09793;P16410

**Shipping Conditions:** Blue ice

**background:** CTLA-4 is an inhibitory checkpoint receptor that downregulates early T-cell activation and is a central target in cancer-immunology research. The product here is a research-grade, unconjugated analog of sovipostobart, a recombinant anti-CTLA-4 monoclonal antibody for research use only. Manufactured to in vivo standards with low endotoxin, it is provided in scalable milligram to gram quantities to support bulk and high-throughput laboratories. It functions as a control and active reagent in checkpoint-blockade functional assays, in vitro T-cell activation screens, and in vivo immune-modulation models. Dependable lot-to-lot consistency underpins reliable use across large and repeated experiments.

**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