

# Alsevalimab Biosimilar - Research Grade

**Product Code:** ICH5339

**More Information**

**Species Reactivity:** Human

**Target:** VTCN1 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q7Z7D3

**Shipping Conditions:** Blue ice

**background:** B7-H4 (VTCN1) is a negative co-stimulatory molecule that suppresses T-cell responses and is an emerging immune checkpoint target in cancer research. This anti-human VTCN1 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of alsevalimab, provided strictly for research use only (RUO). Built to demanding in vivo standards and low in endotoxin, it is manufactured in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It serves as a dependable control and active reagent in checkpoint and functional assays, in vitro screening, ADCC studies, and in vivo immuno-oncology 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