

# Aldastotug Biosimilar - Research Grade

**Product Code:** ICH5335

**More Information**

**Species Reactivity:** Human

**Target:** SIGLEC15 $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q6ZMC9

**Shipping Conditions:** Blue ice

**background:** Siglec-15 (SIGLEC15) is an immunomodulatory lectin expressed on myeloid cells and osteoclasts and an emerging target in immuno-oncology and bone biology research. Our research-grade anti-human SIGLEC15 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of aldastotug for research use only. Manufactured to in vivo standards with low endotoxin, it is available in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It is appropriate for receptor-binding and functional assays, in vitro screening, ADCC investigations, and in vivo immuno-oncology models, providing a reliable, reproducible research reagent.

**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