

# Atigotatug Biosimilar - Research Grade

**Product Code:** ICH5360

**More Information**

**Species Reactivity:** Human

**Target:** Fucosyl ganglioside GM1

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Fucosyl-GM1 is a tumour-associated ganglioside expressed on small-cell lung cancer and a studied glycolipid antigen in oncology research. This anti-fucosyl-GM1 recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of atigotatug, provided strictly for research use only. 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 ganglioside-binding assays, in vitro functional screening, ADCC studies, and in vivo oncology models, with lot-to-lot consistency.

**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