

# Rivabazumab Biosimilar - Research Grade

**Product Code:** ICH5827

**More Information**

**Species Reactivity:** Human

**Target:** PcrV protein type III secretion system

**Concentration:** 5mg/ml

**Isotype:** Fab' - G1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** PcrV is the tip protein of the *Pseudomonas aeruginosa* type III secretion system, a virulence structure that injects toxins into host cells and a long-standing target for anti-infective research. This research-grade reagent is an unconjugated, non-therapeutic analog of rivabazumab, supplied as a recombinant Fab' fragment directed against PcrV. Intended strictly for research use only (RUO), it is produced to in vivo standards in a low-endotoxin format and offered in scalable milligram to gram quantities for heavy-usage and high-throughput laboratories. It supports preclinical work spanning functional assays, neutralization studies of secretion-system activity, and in vivo infection 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

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**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