

# Ansuvimab Biosimilar - Research Grade

**Product Code:** ICH5299

**More Information**

**Species Reactivity:** Human

**Target:** EBOV

**Concentration:** 5mg/ml

**Isotype:** Human IgG1 (E356D/M358L)-kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** The Ebola virus glycoprotein (EBOV GP) mediates viral entry into host cells and is a primary antigen in filovirus and emerging-pathogen research. This anti-EBOV glycoprotein recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of ansuvimab, intended strictly for research use only. Produced to in vivo manufacturing standards and purified to low endotoxin, it is supplied in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It is appropriate for viral-neutralization assays, in vitro functional screening, and in vivo infectious-disease models, offering reliable, lot-consistent performance as a research reagent.

**Other names:** mab114,VRC-EBOMAB092-00-AB,EBV114/EBB114,EboV mab114;Zaire Ebola virus

**Specificity:** Detects human EBOV

**Purification Method:** This monoclonal antibody was purified using Protein A



**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:** >95% 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.