

# Larcaviximab Biosimilar - Research Grade

**Product Code:** ICH5627

**More Information**

**Species Reactivity:** Human

**Target:** Zaire Ebola virus GP1

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**Shipping Conditions:** Blue ice

**background:** Antibodies directed against the Zaire Ebola virus glycoprotein are central tools for filovirus neutralization research and vaccine evaluation. This human IgG1, kappa reagent is an unconjugated, non-therapeutic analog of larcaviximab that recognizes the Zaire Ebola virus antigen for functional and infectious-disease studies. It is prepared in a low-endotoxin format suited to in vivo experiments and manufactured at scalable milligram-to-gram volumes to keep bulk and high-throughput pipelines supplied. Provided for research use only (RUO), it is appropriate as a positive binding control and active reagent in neutralization assays, antigen-detection panels, and preclinical models of filovirus infection.

**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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2026



**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