

# Lixudebart Biosimilar - Research Grade

**Product Code:** ICH5650

**More Information**

**Species Reactivity:** Human

**Target:** CLDN1

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** O95832

**Shipping Conditions:** Blue ice

**background:** Claudin-1 (CLDN1) is a tight-junction protein that also serves as an entry factor for hepatitis C virus, giving it relevance in both epithelial barrier and antiviral research. This human IgG1, kappa antibody is an unconjugated, non-therapeutic analog of lixudebart directed at CLDN1 for functional studies. Endotoxin is kept low so the reagent is suitable for in vivo experiments, and it is produced in scalable milligram-to-gram quantities tailored to bulk and high-throughput laboratories. Offered for research use only (RUO), it can act as a control and active reagent in barrier-function assays, viral-entry inhibition studies, in vitro screening, and preclinical models of liver disease.

**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