

Lanadelumab Biosimilar - Research Grade

Product Code: ICH5302

More Information

Species Reactivity: Human

Target: KLKB1

Concentration: 5mg/ml

Isotype: Human IgG1 Kappa

Host: CHO Cells

product name H2: Lanadelumab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P03952

Shipping Conditions: Blue ice

background: Plasma kallikrein (KLKB1) is a serine protease that generates bradykinin and drives the contact activation pathway central to angioedema research. This anti-human plasma kallikrein recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of lanadelumab, provided strictly for research use only. Built to rigorous in vivo standards with a low-endotoxin profile, it is manufactured in scalable milligram (mg) to gram (g) quantities suited to bulk and high-throughput laboratories. It functions as a consistent inhibitory control and active reagent in protease-activity assays, in vitro functional screening, and in vivo models of contact-system activation and angioedema.

Other names: DX-2930,X124-G01,kallikrein B1, kallikrein B, plasma (Fletcher factor) 1, KLK3, Fletcher factor



Specificity: Detects human KLKB1

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: ≤ 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.