

# Keliximab Biosimilar - Research Grade

**Product Code:** ICH5616

**More Information**

**Species Reactivity:** Human

**Target:** CD4 $\alpha$ 1/2

**Concentration:** 5mg/ml

**Isotype:** IgG1 - lambda

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** P01730

**Shipping Conditions:** Blue ice

**background:** CD4 defines helper T-cell populations and is fundamental to studies of immune regulation, HIV biology, and autoimmunity. Our reagent is an unconjugated, non-therapeutic analog of keliximab, a human IgG1, lambda monoclonal recognizing the human antigen and intended for research use only (RUO). Engineered to a low-endotoxin specification for in vivo applications, it is produced at milligram-to-gram scale so heavy-usage and high-throughput laboratories maintain a steady supply. The antibody is well suited to receptor-blocking and cell-binding assays, flow cytometry, in vitro screening, and preclinical immunology models, acting as a dependable, non-therapeutic control throughout functional and biologics-characterization work.

**Other names:** CD4, CD4mut, CD4 molecule, OKT4D, IMD79

**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