

Semzuvolimab Biosimilar - Research Grade

Product Code: ICH5851

More Information

Species Reactivity: Human

Target: CD4 α 1/2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Semzuvolimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P01730

Shipping Conditions: Blue ice

background: CD4 is a co-receptor on helper T cells that engages MHC class II and is fundamental to adaptive immune activation. The reagent here is an unconjugated, non-therapeutic analog of semzuvolimab, a recombinant anti-CD4 monoclonal antibody intended for research use only. It is manufactured to in vivo standards with low endotoxin and offered in scalable milligram to gram quantities to support heavy-usage laboratories. Researchers can deploy it in T-cell depletion and modulation functional assays, in vitro immunophenotyping screens, and in vivo models of autoimmunity and transplantation tolerance. The reagent is intended to deliver consistent, reproducible performance for heavy-usage research workflows.

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: ≤ 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