

Bempikibart Biosimilar - Research Grade

Product Code: ICH5387

More Information

Species Reactivity: Human

Target: IL7R α

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Bempikibart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P16871

Shipping Conditions: Blue ice

background: The interleukin-7 receptor (IL7R/CD127) is essential for T-cell development and homeostasis and is a target of interest in autoimmunity and lymphocyte-biology research. Offered as an unconjugated, non-therapeutic analog of bempikibart, this human IgG1-kappa recombinant antibody is for research use only (RUO). It is supplied in a low-endotoxin, in vivo-suitable format and manufactured in scalable milligram-to-gram quantities to sustain bulk and high-throughput experimentation. The reagent fits functional assays, receptor-blockade and cytokine-signaling studies, lymphocyte phenotyping and preclinical models examining IL-7 receptor activity. The in vivo-suitable, low-endotoxin preparation is produced at milligram-to-gram scale to support sustained, high-throughput research programs.

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