

Betifisolimab Biosimilar - Research Grade

Product Code: ICH5397

More Information

Species Reactivity: Human

Target: PD-L1

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Betifisolimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q9NZQ7

Shipping Conditions: Blue ice

background: Programmed death-ligand 1 (PD-L1) restrains T-cell activity through PD-1 engagement and remains a cornerstone target in tumor-immunology research. This reagent is an unconjugated, non-therapeutic analog of betifisolimab, a human IgG1-kappa recombinant antibody for research use only (RUO). It is an ultra-pure, low-endotoxin preparation meeting in vivo standards and manufactured in scalable milligram-to-gram quantities for high-throughput and heavy-usage laboratories. Researchers apply it to checkpoint functional assays, ligand-blockade and T-cell activation studies, ADCC analysis, in vitro screening and in vivo tumor models exploring PD-L1 biology. Built for in vivo use with low endotoxin and scalable milligram-to-gram supply, it remains a reliable choice for bulk research applications.



Other names: CD274i $\frac{1}{2}$

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