

Benmelstobart Biosimilar - Research Grade

Product Code: ICH5388

More Information

Species Reactivity: Human

Target: PD-L1

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Benmelstobart 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) engages PD-1 to suppress T-cell responses and is among the most intensively investigated checkpoint ligands in cancer research. This reagent is an unconjugated, non-therapeutic analog of benmelstobart, a human IgG1-kappa recombinant antibody for research use only. It is provided as an ultra-pure, low-endotoxin formulation meeting in vivo standards and produced in scalable milligram-to-gram quantities for high-throughput laboratories. It supports checkpoint functional assays, ligand-blockade and T-cell activation studies, ADCC characterization, in vitro screening and in vivo tumor models that examine PD-L1 signaling.

Other names: CD274 $\frac{1}{2}$

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: ≤ 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