

Lipustobart Biosimilar - Research Grade

Product Code: ICH5254

More Information

Species Reactivity: Human

Target: PD-1

Concentration: 5mg/ml

Isotype: Human IgG4 - kappa

Host: CHO Cells

product name H2: Lipustobart Biosimilar - Research Grade

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

Buffer: ICH2887

UniProt: Q15116

Shipping Conditions: Blue ice

background: Downregulating T-cell responses through inhibitory signalling, PD-1 is a foundational checkpoint target in immuno-oncology research. This recombinant anti-human PD-1 monoclonal is an unconjugated, non-therapeutic analog of lipustobart, supplied for research use only (RUO). It is manufactured to in vivo standards, carries low endotoxin, and is produced in scalable milligram (mg) to gram (g) quantities for heavy-usage and high-throughput laboratories. Use it in functional assays, checkpoint-blockade and T-cell-reativation studies, reproducible controls, and in vivo tumour models, relying on its consistency for the large datasets typical of immuno-oncology research.

Specificity: Detects human PD-1

Purification Method: This monoclonal antibody was purified using Protein A

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.



Purity: >95% 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: 4 weeks