

Puxitatug Biosimilar - Research Grade

Product Code: ICH5793

More Information

Species Reactivity: Human

Target: VTCN1

Concentration: >1mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Puxitatug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q7Z7D3

Shipping Conditions: Blue ice

background: VTCN1 (B7-H4) is an immune-checkpoint ligand frequently overexpressed in tumors and studied across immuno-oncology. This recombinant human IgG1 kappa antibody is an unconjugated, non-therapeutic analog of puxitatug, generated in CHO cells against human VTCN1. For research use only, it is purified to low endotoxin for in vivo compatibility and manufactured in scalable milligram (mg) to gram (g) quantities for high-throughput laboratories. It supports antigen-expression profiling, checkpoint and functional binding assays, in vitro screening, in vivo tumor models, and antibody-drug conjugate development. Stringent purification supports robust, repeatable readouts in resource-intensive studies.

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.