

Lancastotug Biosimilar - Research Grade

Product Code: ICH5623

More Information

Species Reactivity: Human

Target: TIGIT $\frac{1}{2}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Lancastotug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q495A1

Shipping Conditions: Blue ice

background: TIGIT is an inhibitory checkpoint receptor on T and NK cells that dampens antitumor immunity, making it a prominent immuno-oncology target. Directed at the human antigen, this unconjugated, non-therapeutic analog of lancastotug is a human IgG1, kappa monoclonal offered for research use only (RUO). The material is prepared to a low-endotoxin specification compatible with in vivo work and manufactured in milligram to gram quantities so bulk and high-throughput laboratories stay well stocked. It is used in receptor-blocking and binding assays, ADCC studies, in vitro screening, and preclinical immuno-oncology models, where it serves as a consistent functional comparator during antibody-characterization research.

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