

Nelmastobart Biosimilar - Research Grade

Product Code: ICH5706

More Information

Species Reactivity: Human

Target: BTN1A1

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Nelmastobart Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q13410

Shipping Conditions: Blue ice

background: Butyrophilin subfamily 1 member A1 (BTN1A1) is an immunoregulatory surface molecule that can suppress T-cell activity and is gaining attention as a novel checkpoint in tumor immunology. Offered as an unconjugated, non-therapeutic analog of nelmastobart, this recombinant human IgG4 kappa antibody recognizes BTN1A1 and is designated for research use only (RUO). Its low-endotoxin formulation makes it suitable for in vivo experimentation, and scalable milligram-to-gram manufacturing keeps bulk and high-throughput laboratories continuously supplied. It functions as an immune-modulation control and active reagent in binding and functional assays, in vitro screening, and preclinical immuno-oncology models.

Other names: BT, BTN, BTN1, butyrophilin subfamily 1 member A1



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