

Melrilimab Biosimilar - Research Grade

Product Code: ICH5676

More Information

Species Reactivity: Human

Target: IL1RL1^{ST2}

Concentration: 5mg/ml

Isotype: IgG2 - kappa

Host: CHO Cells

product name H2: Melrilimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q01638

Shipping Conditions: Blue ice

background: IL1RL1 (ST2), the receptor for IL-33, is a central node in type 2 inflammation and allergic disease research. Constructed as an unconjugated, non-therapeutic analog of melrilimab, this human anti-IL1RL1 recombinant monoclonal (IgG2, kappa) is supplied for research use only (RUO). Endotoxin is held to low levels suitable for in vivo work, and the antibody is manufactured in scalable milligram to gram quantities to keep heavy-usage and high-throughput laboratories continuously supplied. It functions as a reliable control and functional reagent in receptor-blockade and cytokine-signaling assays, in vitro screening, and preclinical in vivo models of asthma and allergic inflammation.

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