

Itepekimab Biosimilar - Research Grade

Product Code: ICH5249

More Information

Species Reactivity: Human

Target: IL33

Concentration: 5mg/ml

Isotype: Human IgG4 - kappa

Host: CHO Cells

product name H2: Itepekimab Biosimilar - Research Grade

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

Buffer: ICH2869

UniProt: O95760

Shipping Conditions: Blue ice

background: Interleukin-33 (IL33) is an alarmin cytokine that triggers type-2 immune responses and tissue inflammation, of interest across asthma and allergic-disease research. This recombinant anti-human IL33 monoclonal is an unconjugated, non-therapeutic analog of itepekimab, supplied for research use only (RUO). Manufactured to in vivo standards with low endotoxin, it is offered in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. Applications include functional assays, cytokine-neutralisation and signalling studies, reproducible controls, and in vivo models of type-2 inflammation, with the consistency required for extended, heavy-usage respiratory research.

Specificity: Detects human IL33

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