

Vilamakitug Biosimilar - Research Grade

Product Code: ICH5284

More Information

Species Reactivity: Human

Target: IL1A

Concentration: 5mg/ml

Isotype: Human IgG4 - kappa

Host: CHO Cells

product name H2: Vilamakitug Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P01583

Shipping Conditions: Blue ice

background: Interleukin-1 alpha (IL1A) is a pro-inflammatory alarmin cytokine that triggers early inflammatory cascades and is studied across autoimmune and inflammatory disease. Our research-grade anti-human IL1A recombinant monoclonal antibody is an unconjugated, non-therapeutic analog of vilamakitug for research use only (RUO). Manufactured to in vivo standards and purified to a low-endotoxin grade, it is available in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput laboratories. It serves as a consistent neutralizing control and active reagent in cytokine assays, in vitro functional screening, and in vivo inflammation models.

Specificity: Detects human IL1A

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