

Urabrelimab Biosimilar - Research Grade

Product Code: ICH5961

More Information

Species Reactivity: Human

Target: CD47ⁱ½

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Urabrelimab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: Q08722;Q08722;Q61735;P97829;Q08722;Q61735;P97829;;Q61735

Shipping Conditions: Blue ice

background: CD47 is a broadly expressed 'don't eat me' signal that engages SIRPalpha to limit macrophage phagocytosis, making it a flagship target in cancer immunotherapy research. This IgG4 recombinant human antibody is an unconjugated, non-therapeutic analog of urabrelimab directed against CD47 and is intended for research use only (RUO). The low-endotoxin formulation is suitable for in vivo studies and is manufactured in scalable milligram to gram quantities for high-throughput and heavy-usage laboratories. It works well as a phagocytosis-checkpoint control and functional reagent across in vitro engulfment assays, ADCC studies, and preclinical tumor models.

Other names: CD47, IAP, MER6, OA3, CD47 molecule, integrin associated protein

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