

Bepranemab Biosimilar - Research Grade

Product Code: ICH5391

More Information

Species Reactivity: Human

Target: MAPT^τ_{1/2}

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Bepranemab Biosimilar - Research Grade

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

Buffer: ICH3002

UniProt: P10636

Shipping Conditions: Blue ice

background: Microtubule-associated protein tau (MAPT) stabilizes neuronal microtubules, and its pathological aggregation is a hallmark studied across neurodegeneration research. This antibody is an unconjugated, non-therapeutic analog of bepranemab, a human IgG4-kappa recombinant monoclonal for research use only. It is delivered low in endotoxin and formulated to in vivo-grade standards, with manufacturing scaling from milligram to gram quantities for heavy-usage and high-throughput neuroscience laboratories. Typical uses include functional and binding assays, tau-aggregation and seeding studies, in vitro screening and preclinical models of tauopathy, with consistent performance over time.

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