

Semorinemab Biosimilar - Research Grade

Product Code: ICH5850

More Information

Species Reactivity: Human

Target: MAPT^{1/2}

Concentration: 5mg/ml

Isotype: IgG4 - kappa

Host: CHO Cells

product name H2: Semorinemab 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 abnormal aggregation underlies tauopathies including Alzheimer's disease. This product is a research-grade, unconjugated analog of semorinemab, a recombinant anti-tau monoclonal antibody supplied for research use only. It is produced to in vivo standards in a low-endotoxin format and made in scalable milligram to gram quantities to serve high-throughput neuroscience programs. Applications include tau-binding functional assays, in vitro characterization of pathological tau, and in vivo models of tau propagation and neurodegeneration. Lot-to-lot reproducibility and ample availability make it well suited to extended, high-volume research efforts.

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