

# Solanezumab Biosimilar - Research Grade

**Product Code:** ICH5871

**More Information**

**Species Reactivity:** Human

**Target:** APP $\beta$ <sub>1-42</sub>

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

**product name H2:** Solanezumab Biosimilar - Research Grade

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

**Buffer:** ICH3002

**UniProt:** P05067

**Shipping Conditions:** Blue ice

**background:** Amyloid precursor protein (APP) and its beta-amyloid fragments are key molecules in the study of amyloid pathology and Alzheimer's disease. Offered here is a non-therapeutic, unconjugated analog of solanezumab, a recombinant anti-amyloid monoclonal antibody intended for research use only. It is manufactured to in vivo standards in a low-endotoxin format and made in scalable milligram to gram quantities for high-throughput neuroscience laboratories. Suitable uses include amyloid-binding functional assays, in vitro characterization of soluble amyloid species, and in vivo models of neurodegeneration. Its scalable supply and batch consistency suit programs that require uniform reagent across many studies.

**Other names:** Amyloid-beta precursor protein, amyloid precursor 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:**  $\leq 1.0$  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