

Nepuvibart Biosimilar - Research Grade

Product Code: ICH5707

More Information

Species Reactivity: Human

Target: Severe acute respiratory syndrome coronavirus 2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Nepuvibart Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: The SARS-CoV-2 spike glycoprotein remains a focal antigen for antiviral and neutralization research. This research-grade recombinant human IgG1 antibody is an unconjugated, non-therapeutic analog of nepuvibart, expressed in CHO cells and directed against the spike protein of severe acute respiratory syndrome coronavirus 2. Intended strictly for research use only, it is purified to a low-endotoxin standard suitable for in vivo studies and supplied in scalable milligram (mg) to gram (g) quantities to support heavy-usage, high-throughput laboratories. Use it as a defined reference reagent for functional assays, neutralization screening, epitope characterization, and preclinical coronavirus models.

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