

Simaravibart Biosimilar - Research Grade

Product Code: ICH5865

More Information

Species Reactivity: Human

Target: Severe acute respiratory syndrome coronavirus 2

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Simaravibart Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: The SARS-CoV-2 spike protein governs host-cell entry and is the dominant antigen for neutralizing-antibody research against the virus. Presented here is an unconjugated, non-therapeutic analog of simaravibart, a recombinant monoclonal antibody targeting SARS-CoV-2, intended for research use only. It is manufactured to in vivo standards in a low-endotoxin format and provided in scalable milligram to gram quantities to sustain high-throughput screening. The antibody works well as a positive control and active reagent in neutralization functional assays, in vitro spike-binding screens, and in vivo challenge models. Reliable batch-to-batch consistency helps standardize comparisons across in vitro and in vivo experiments.

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