

Nirsevimab Biosimilar - Research Grade

Product Code: ICH5712

More Information

Species Reactivity: Human

Target: RSV $\text{F}^{\frac{1}{2}}$

Concentration: 5mg/ml

Isotype: IgG1 - kappa

Host: CHO Cells

product name H2: Nirsevimab Biosimilar - Research Grade

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

Buffer: ICH3002

Shipping Conditions: Blue ice

background: Respiratory syncytial virus (RSV) fusion protein is a principal target for antiviral and prophylaxis research. This recombinant human IgG1 kappa antibody, an unconjugated and non-therapeutic analog of nirsevimab, is generated in CHO cells against RSV. Released for research use only, it is purified to a low-endotoxin grade suited to in vivo applications and produced in scalable milligram (mg) to gram (g) batches for high-throughput and heavy-usage laboratories. It provides a consistent reference reagent for neutralization assays, viral-entry studies, functional characterization, and preclinical RSV models. Reliable batch-to-batch consistency suits laboratories running extended experimental campaigns.

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.