

Nirsevimab

Cat. No.:	HY-P99756
CAS No.:	1989556-22-0
Target:	RSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Nirsevimab (MEDI8897) is a recombinant human respiratory syncytial virus (RSV) monoclonal antibody with modified Fc region, which can prolong its half-life. Nirsevimab has an affinity for RSV-B with an K_d value of 1.5 nM. Nirsevimab can be used for RSV research^{[1][2][3]}.

REFERENCES

- [1]. Griffin MP, et al. Single-Dose Nirsevimab for Prevention of RSV in Preterm Infants. *N Engl J Med.* 2020 Jul 30;383(5):415-425.
- [2]. Griffin MP, et al. Safety, Tolerability, and Pharmacokinetics of MEDI8897, the Respiratory Syncytial Virus Prefusion F-Targeting Monoclonal Antibody with an Extended Half-Life, in Healthy Adults. *Antimicrob Agents Chemother.* 2017 Feb 23;61(3):e01714-16.
- [3]. Cabán M, et al. Cross-protective antibodies against common endemic respiratory viruses. *Nat Commun.* 2023 Feb 13;14(1):798.

Caution: Product has not been fully validated for medical applications. For research use only.

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