

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

SARS-CoV Nucleoprotein / NP Antibody, Rabbit MAb

RRID:AB_2827974

Type: Antibody

Proper Citation

Sino Biological Cat# 40143-R001, RRID:AB_2827974

Antibody Information

URL: http://antibodyregistry.org/AB_2827974

Proper Citation: Sino Biological Cat# 40143-R001, RRID:AB_2827974

Target Antigen: Nucleoprotein

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: WB, ELISA, IHC-P, FCM, ICC/IF, IP

Antibody Name: SARS-CoV Nucleoprotein / NP Antibody, Rabbit MAb

Description: This monoclonal targets Nucleoprotein

Clone ID: Clone #001

Antibody ID: AB_2827974

Vendor: Sino Biological

Catalog Number: 40143-R001

Record Creation Time: 20250819T231957+0000

Record Last Update: 20250820T050118+0000

Ratings and Alerts

- Used for immuno staining assay by the Human Islet Research Network community. Contact(s): Xuming Tang, Skyler Uhl, Joshua Acklin - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for SARS-CoV Nucleoprotein / NP Antibody, Rabbit MAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Farhadian SF, et al. (2026) Absence of SARS-CoV-2 in Placental Tissue After Maternal COVID-19. JAMA network open, 9(4), e268567.

Thomas DeCruz A, et al. (2025) Quantum-enhanced nanodiamond rapid test advances early SARS-CoV-2 antigen detection in clinical diagnostics. Nature communications, 16(1), 8778.

Jung SF, et al. (2025) Direct interaction of HMGB1 with SARS-CoV-2 facilitates its infection via RAGE-dependent endocytosis. iScience, 28(8), 113063.

Xing L, et al. (2025) Early fusion intermediate of ACE2-using coronavirus spike acting as an antiviral target. Cell, 188(5), 1297.

Wei X, et al. (2025) Immune imprinting blunts omicron pathogenicity fluctuations and highlights the essential role of cellular immunity in SARS-CoV-2 infection. Cell reports, 44(6), 115784.

Kober DL, et al. (2024) Development of a mutant aerosolized ACE2 that neutralizes SARS-CoV-2 in vivo. mBio, 15(6), e0076824.

Yang L, et al. (2024) SARS-CoV-2 infection causes dopaminergic neuron senescence. Cell stem cell, 31(2), 196.

Dickey TH, et al. (2024) RBD design increases the functional antibody titers elicited by SARS-CoV-2 spike vaccination. Antiviral research, 228, 105937.

Sasaki M, et al. (2024) Combination therapy with oral antiviral and anti-inflammatory drugs improves the efficacy of delayed treatment in a COVID-19 hamster model. EBioMedicine, 99, 104950.

Liu B, et al. (2024) An unconventional VH1-2 antibody tolerates escape mutations and shows an antigenic hotspot on SARS-CoV-2 spike. Cell reports, 43(6), 114265.

Han S, et al. (2024) Host specific sphingomyelin is critical for replication of diverse RNA viruses. Cell chemical biology, 31(12), 2052.

Kober DL, et al. (2023) Development of a mutant aerosolized ACE2 that neutralizes SARS-CoV-2 in vivo. bioRxiv : the preprint server for biology.

Wolff ASB, et al. (2023) Vaccination prevents severe COVID-19 outcome in patients with neutralizing type 1 interferon autoantibodies. *iScience*, 26(7), 107084.

Dickey TH, et al. (2023) Design of a stabilized RBD enables potently neutralizing SARS-CoV-2 single-component nanoparticle vaccines. *Cell reports*, 42(3), 112266.

Han Y, et al. (2022) A human iPSC-array-based GWAS identifies a virus susceptibility locus in the NDUFA4 gene and functional variants. *Cell stem cell*, 29(10), 1475.

Gorshkov K, et al. (2022) SARS-CoV-2 Nucleocapsid Protein TR-FRET Assay Amenable to High Throughput Screening. *ACS pharmacology & translational science*, 5(1), 8.

Chong Z, et al. (2022) Nasally delivered interferon- γ protects mice against infection by SARS-CoV-2 variants including Omicron. *Cell reports*, 39(6), 110799.

Li Z, et al. (2022) Imatinib and methazolamide ameliorate COVID-19-induced metabolic complications via elevating ACE2 enzymatic activity and inhibiting viral entry. *Cell metabolism*, 34(3), 424.

Zheng H, et al. (2022) Longitudinal analyses reveal distinct immune response landscapes in lung and intestinal tissues from SARS-CoV-2-infected rhesus macaques. *Cell reports*, 39(8), 110864.

Khan M, et al. (2022) Anatomical barriers against SARS-CoV-2 neuroinvasion at vulnerable interfaces visualized in deceased COVID-19 patients. *Neuron*, 110(23), 3919.