

SARS-CoV-2 N Protein Monoclonal Antibody

CAB20021

Description

This SARS-CoV-2 N Protein Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB20021

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: Nucleoprotein, NP, SARS-CoV-2 N Protein

Clone: ARC5077-02

Applications:  

Conjugation: -

Reactivity: SARS-CoV-2

Antibody Data

Gene ID: 43740575

Uniprot: AB_2862924

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 46kDa (Recombinant SARS-CoV-2 Nucleocapsid Protein)

Calculated MW: 46kDa

Preparation & Storage

Storage: Store at -20°C This product will freeze at -20°C so it is recommended to aliquot into single-use vials to avoid multiple freeze/thaw cycles. A slight precipitate may be present, but will not interfere with antibody performance. Buffer: PBS, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

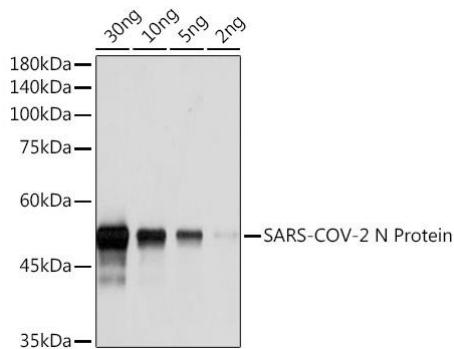
Positive Sample: Recombinant SARS-CoV-2 N Protein

Recommended Dilutions:

WB	1:1000 - 1:6000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of Recombinant SARS-CoV-2 Nucleocapsid Protein (RP01264LQ), using SARS-CoV-2 N Protein Rabbit mAb, BSA and glycerol free (CAB20021) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 ng/10 ng/5 ng/2 ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5s.