

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 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	Nucleoprotein, NP, SARS-CoV-2 N Protein
Clone:	ARC5077-02
Applications:	WB ELISA
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.

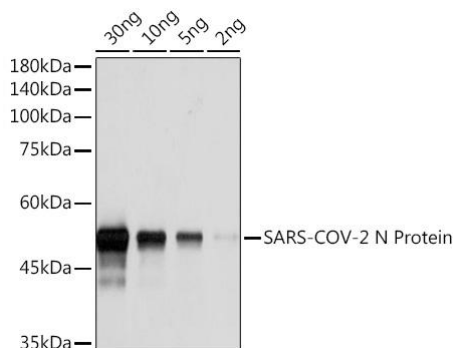
Store Bradford Reagent at Room Temperature for 1 Year.

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.