

# SARS-CoV-2 N Protein Rabbit mAb, BSA and glycerol free

Catalog No.: A20021 **Recombinant** **10 Publications**

## Basic Information

### Observed MW

### Calculated MW

46kDa

### Category

Primary antibody

### Applications

ELISA, DB, WB, IF/ICC

### Cross-Reactivity

SARS-CoV-2

### CloneNo number

ARC5077-02

## Background

Packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. May modulate transforming growth factor-beta signaling by binding host SMAD3.

## Recommended Dilutions

<b>DB</b>	1:500 - 1:2000
<b>WB</b>	1:1000 - 1:5000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

43740575

### Swiss Prot

P59595

### Immunogen

Recombinant fusion protein of SARS-CoV-2 Nucleoprotein Full length ( P59595 ) .

### Synonyms

Nucleoprotein; NP; SARS-CoV-2 N Protein

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

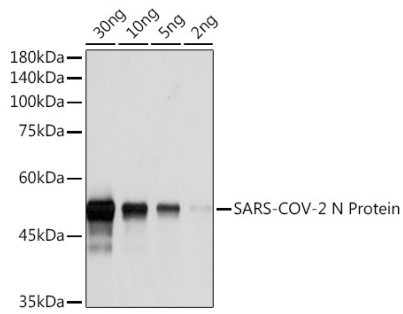
### Storage

Store at 4°C Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, pH7.3.

## Validation Data

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Western blot analysis of recombinant SARS-COV-2 N Protein, using SARS-CoV-2 N Protein Rabbit mAb, BSA and glycerol free (A20021) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) 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 (RM00020).  
Exposure time: 5s.