

A20021

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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

SMab Recombinant Monoclonal Antibody

Applications

WB, IF/ICC, ELISA, DB

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

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

Immunogen Information

Gene ID	Swiss Prot
43740575	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

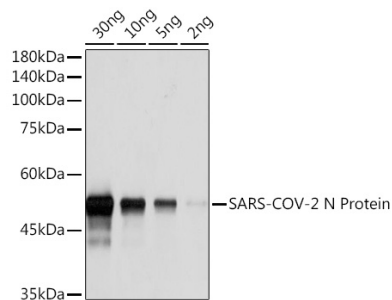
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at 4°C Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300, pH7.3.

Validation Data



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.