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

Catalog No.: A20021   `Recombinant`   `17 Publications`

Basic Information

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

Calculated MW
46kDa

Category
Primary antibody

Applications
WB,ELISA

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

WB   1:1000 - 1:6000

ELISA   Recommended starting
concentration is 1 μg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID   **Swiss Prot**
43740575   P59595

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Nucleoprotein; NP; SARS-CoV-2 N Protein

Contact

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Product Information

Source   **Isotype**   **Purification**
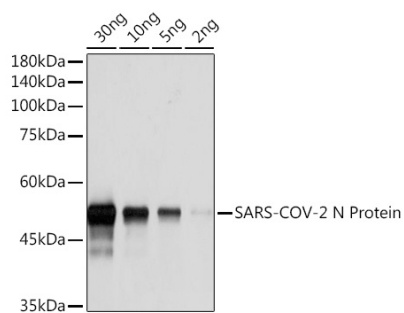Rabbit   IgG   Affinity purification

Storage
Store at -20℃ Avoid freeze / thaw cycles.
Buffer: PBS, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

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 (A20021) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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.