

RM17664

Leader in Biomolecular Solutions for Life Science



Rabbit anti-SARS-CoV-2 Nucleocapsid Protein mAb

Catalog No.: RM17664

Basic Information

Catagory

Matched Antibody Pair

Applications

LF

Product Information

Ig Type

Rabbit IgG

Purification

Affinity purification

Endotoxin Level

Storage

Store unopened kit at 2-8 °C for 1 week. If more than one week, please keep the components of the kit according to the instructions. Do not use past kit expiration date.

Avoid repeated freeze-thaw cycles.

Formulation

Supplied as a 0.2um filtered solution in PBS with 0.1% BSA, pH 7.4.

Contact



www.abclonal.com

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 induce inflammasome responses in cultured cells and mice. Acts by interacting with host NLRP3 to facilitate inflammasome assembly, which induces cytokine release that may play a role in COVID lung injury.

Immunogen Information

Immunogen

Recombinant 2019-nCoV Nucleocapsid Protein

Cross-Reactivity

Has cross-reactivity in ELISA with

 SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (Cat# RP01281)

 SARS-CoV-2 Nucleocapsid protein, His Tag (B.1.1.529/Omicron)

 SARS-CoV-2 Nucleocapsid protein (D63G, R203M, G215C, D377Y), His Tag

 SARS-CoV-2 Nucleocapsid protein (T205I), His Tag

 SARS-CoV-2 Nucleocapsid protein (D3L, R203K, G204R, S235F), His Tag

 No cross-reactivity in ELISA with

 MERS-CoV Nucleoprotein protein

 HCoV-229E Nucleoprotein protein.

Assay Applications