

# COVID 19 Nucleocapsid (NP) Humanized Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

2019-nCoV Nucleocapsid Antibody (Humanized)

|                              |                      |
|------------------------------|----------------------|
| CATALOG #<br><b>AAA78524</b> | HOST<br><b>Human</b> |
|------------------------------|----------------------|

## PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Humanized Coronavirus; Monoclonal Antibody; 2019-nCoV Nucleocapsid Antibody (Humanized); 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Nucleocapsid (NP) Humanized; anti-COVID-19 antibody

## PRODUCT SPECIFICATIONS

|                         |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                    | Human                                                                                                        |
| Clonality               | Monoclonal                                                                                                   |
| Isotype                 | IgG1                                                                                                         |
| Clone Number            | 6G9                                                                                                          |
| Specificity             | Antibody recognizes 2019-nCoV Nucleocapsid Protein                                                           |
| Form/Format             | Purified. 5.0 mg/ml (+/- 10 %); PBS, pH7.4, 0.09 % sodium azide (NaN3)                                       |
| Immunogen               | This antibody recognizes COVID-19 conserved sequences.                                                       |
| Preparation and Storage | 24 months from manufacturing at <-20 degree C<br>1 month, store at 2 to 8 degree C under sterile conditions. |

## ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COVID-19 antibody | Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein 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. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a test tool. |
| Product Categories/Family for anti-COVID-19 antibody   | <a href="#">Antibodies</a> ; <a href="#">Infectious Diseases</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/covid-19-nucleocapsid-np-humanized-coronavirus-antibody-clone-6g9-elisa/78524>