

# Cynomolgus anti-SARS-COV2 COVID 19 S-clgG1 Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

Anti-2019-nCoV S-clgG1 Neutralizing Antibody

|                               |                           |                                |                                                    |
|-------------------------------|---------------------------|--------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA177009</b> | HOST<br><b>Cynomolgus</b> | REACTIVITY<br><b>SARS-COV2</b> | APPLICATIONS<br><b>ELISA, Neutralization Assay</b> |
|-------------------------------|---------------------------|--------------------------------|----------------------------------------------------|

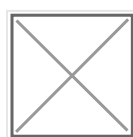
## PRODUCT SYNONYMS

COVID 19 S-clgG1 Coronavirus; Monoclonal Antibody; Anti-2019-nCoV S-clgG1 Neutralizing Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; S-clgG1; anti-COVID-19 antibody

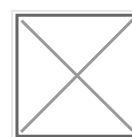
## PRODUCT SPECIFICATIONS

|                                                    |                                                  |
|----------------------------------------------------|--------------------------------------------------|
| Host                                               | Cynomolgus                                       |
| Reactivity                                         | SARS-COV2                                        |
| Clonality                                          | Monoclonal                                       |
| Isotype                                            | IgG1                                             |
| Clone Number                                       | 8A5                                              |
| Form/Format                                        | PBS, pH 7.4                                      |
| Concentration                                      | 1mg/mL (varies by lot)                           |
| Applicable Applications for anti-COVID-19 antibody | ELISA, NTRL (Neutralization)                     |
| Conjugation                                        | Unconjugated                                     |
| Preparation and Storage                            | Store at -20 degree C. Avoid freeze/thaw cycles. |

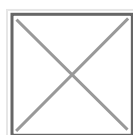
## IMAGES



Application Data



Application Data



Application Data

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COVID-19 antibody | Protein S (PROS1) is glycoprotein and expressed in many cell types supporting its reported involvement in multiple biological processes that include coagulation, apoptosis, cancer development and progression, and the innate immune response. Known receptors bind S1 are ACE2, angiotensin-converting enzyme 2, DPP4, CEACAM. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process. Most notable is severe acute respiratory syndrome (SARS). The severe acute respiratory syndrome-coronavirus (SARS-CoV) spike (S) glycoprotein alone can mediate the membrane fusion required for virus entry and cell fusion. It is also a major immunogen and a target for entry inhibitors. It's been reported that 2019-nCoV can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity. |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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-s-cigg1-coronavirus-antibody-clone-8a5-neutralization-elisa/177009>