

# Human cells anti-COVID-19 COVID 19 S-IgA Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

Anti-COVID-19 S-IgA Neutralizing Antibody

| CATALOG # | HOST        | REACTIVITY | APPLICATIONS |
|-----------|-------------|------------|--------------|
| AAA264763 | Human cells | COVID-19   | ELISA        |

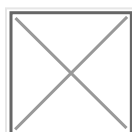
## PRODUCT SYNONYMS

COVID 19 S-IgA Coronavirus; Monoclonal Antibody; Anti-COVID-19 S-IgA 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-IgA; Spike glycoprotein; S glycoprotein; E2; Peplomer protein; anti-COVID-19 antibody

## PRODUCT SPECIFICATIONS

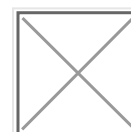
|                                                    |                                                                                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                               | Human cells                                                                             |
| Reactivity                                         | COVID-19                                                                                |
| Clonality                                          | Monoclonal                                                                              |
| Isotype                                            | Human IgA                                                                               |
| Specificity                                        | Recognizes COVID-19 S Protein, COVID-19 S-RBD Protein and block ACE-2 receptor binding. |
| Purity/Purification                                | >95%, cultured in vitro under conditions free from animal derived components.           |
| Form/Format                                        | Liquid in 0.01M Phosphate Buffered Saline, pH7.4.                                       |
| Concentration                                      | 1mg/ml (varies by lot)                                                                  |
| Applicable Applications for anti-COVID-19 antibody | ELISA                                                                                   |
| Preparation and Storage                            | Upon delivery aliquot and store at -20 degree C. Avoid freeze/thaw cycles.              |

## IMAGES



### ELISA

Anti-COVID-19 S-IgA Neutralizing Antibody can block Recombinant Human ACE2 Protein and Recombinant COVID-19 S Protein RBD-SD1 interaction, the IC50 for this effect is 19.8 ng/ml.



### ELISA

Immobilized Recombinant COVID-19 S Protein RBD-SD1 at 5ug/ml can bind Anti-COVID-19 S-IgA Neutralizing Antibody, the EC50 is less than 416 ng/ml.

## ADDITIONAL INFORMATION

|                                                        |                                                              |
|--------------------------------------------------------|--------------------------------------------------------------|
| Related Product Information for anti-COVID-19 antibody | Human monoclonal neutralizing antibody to COVID-19 S protein |
|--------------------------------------------------------|--------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                     |          |
|---------------------|----------|
| NCBI GeneID         | 43740568 |
| UniProt Accession # | P0DTC2   |

**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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/covid-19-s-iga-coronavirus-antibody-elisa/264763>