

Product datasheet for **TA355155**

SARS-CoV-2 Spike S1 protein Mouse Monoclonal Antibody [Clone ID: 4C6]

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 4C6 |
| Applications: | ELISA |
| Recommended Dilution: | ndirect ELISA 0.05 -1 µg/ml, Sandwich ELISA 0.25 -1 µg/ml as detecting antibody with Anti-SARS-CoV-2Spike S1 antibody (Cat.No. TA355154) |
| Reactivity: | SARS-CoV-2 |
| Host: | Mouse |
| Isotype: | IgG |
| Clonality: | Monoclonal |
| Immunogen: | CHO-expressed full length S1 with human IgG Fc fusion |
| Formulation: | 0.01 M Tris-HCl, pH 8.0, 0.15 M NaCl, 0.02% sodium azide |
| Purification: | Protein G purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Product is stable for 6 weeks at 2 -8°Cas undiluted liquid. Prepare fresh dilutions for every new experiment. Avoid freeze / thaw cycles |
| Stability: | 1 year |
| Gene Name: | S Protein |
| Database Link: | Entrez Gene 43740568 SARS-CoV-2 |
| Background: | Coronaviruses (CoV) are a large group of enveloped positive-sense RNA viruses. They belong to subfamily Coronavirinae, in the family of Coronaviridae, of the order of Nidovirales. The Coronavirus genome is about 30 kb in length and encodes four structural proteins, namely, spike (S), envelope (E), membrane (M) and nucleocapsid (N), multiple non-structural proteins and other accessory proteins. Coronaviruses infect humans as well as a number of mammalian and avian species. Of the six Coronaviruses that infect humans, SARS-CoV and MERS-CoV cause severe respiratory disease in humans. Current research is aimed at identifying anti-viral targets and develop drugs and vaccines to inhibit viral replication. |



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