

PRODUCT INFORMATION

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| Clone ID | DM24 |
| Target | S protein |
| Synonyms | SARS-CoV-2 Spike S2 |
| Host Species | Rabbit |
| Description | Biotinylated Anti-SARS-CoV-2 Spike antibody(DM24); Rabbit mAb |
| Delivery | 2-3 weeks |
| Uniprot ID | P0DTC2 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | SARS-CoV-2 |
| Applications | ELISA |
| Recommended Dilutions | ELISA 1:5000-10000 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Endotoxin | Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use. SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits; S1 and S2. S1 mainly contains a receptor binding domain (RBD); which accounts for recognizing the cell surface receptor; ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response. |
| Background | |
| Usage | Research use only |
| Conjugate | Biotinylated |
| DIMA Disclaimer | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr |

