

PRODUCT INFORMATION

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| Clone ID | DM27 |
| Target | S protein RBD |
| Synonyms | SARS-CoV-2 RBD |
| Host Species | Rabbit |
| Description | PE-conjugated Anti-SARS-CoV-2 RBD antibody(DM27); Rabbit mAb |
| Delivery | 3-4 weeks |
| Uniprot ID | P0DTC2 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | SARS-CoV-2 |
| Applications | Flow Cyt |
| Recommended Dilutions | Flow Cyt 1:100 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | Liquid□PBS with 0.05% Proclin300, 1% BSA |
| Storage & Shipping | Store at 2°C-8°C for 6 months |
| Background | 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. |
| Usage | Research use only |
| Conjugate | PE-conjugated |

