

12-9030: Anti-SARS-CoV-2 Spike antibody(DM40), Rabbit mAb

| | |
|--------------------------------|--|
| Clonality : | Monoclonal |
| Clone Name : | DM40 |
| Application : | ELISA |
| Alternative Name : | SARS-CoV-2 Spike S2 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Recombinant SARS-CoV-2 Spike S2 protein (686-1213) produced by using E. coli |

Description

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.

Product Info

| | |
|----------------------------|--|
| Amount : | 100 µg |
| Purification : | Purified from cell culture supernatant by affinity chromatography |
| Content : | Preservative: 0.1% Procline 300 Constituents: 50% Glycerol; PBS,pH 7.4; 0.1% BSA Not Sterile |
| Storage condition : | Store at -20°C for 12 months (Avoid repeated freezing and thawing) |

Application Note

Recommended Dilutions ELISA 1/5000-10000

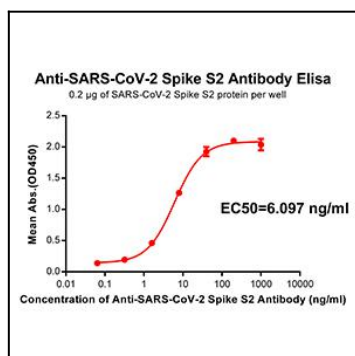


Figure 1. Elisa plate pre-coated by 2 µg/ml(100µl/well) SARS-CoV-2 Spike S2 protein can bind Rabbit Anti-SARS-CoV-2 Spike S2 monoclonal antibody (clone:DM40) in a linear range of 0.32-40 ng/ml.