Cat. No. DME100039



PRODUCT INFORMATION

Clone ID **DM40 Target** S protein

Synonyms SARS-CoV-2 Spike S2

Host Species Rabbit

Anti-SARS-CoV-2 Spike antibody(DM40); Rabbit Description mAb

Delivery In Stock **Uniprot ID** P0DTC2 Rabbit IgG IgG type Clonality Monoclonal

Applications ELISA

Recommended

Storage & Shipping

Background

Reactivity

ELISA 1:5000-10000 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

SARS-CoV-2

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution.

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.

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 Unconjugated

> 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

> > Email: info@dimabio.com Website: www.dimabio.com

DIMA Disclaimer

actively scrutinizing all patent application to

ensure no IP infringement.



/+86-400-006-0995(China)





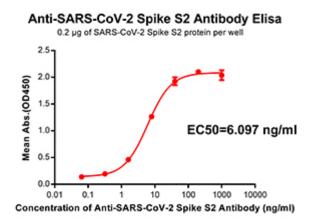


Figure 1. Elisa plate pre-coated by 2 μg/ml(100μl/well) SARS-CoV-2 Spike S2 protein can bind Rabbit Anti-SARS-CoV-2 Spike S2 monoclonal antibody (clone:DM40) in a linear range of 0.32-40 ng/ml.

Email: info@dimabio.com Website: www.dimabio.com

