

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 12-9014: Anti-SARS-CoV-2 Spike S2 antibody(DM24), Rabbit mAb

Clonality: Monoclonal
Clone Name: DM24
Application: ELISA
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

Preservative: 0.1% Procline 300

**Content:** 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 1/5000-1/10000

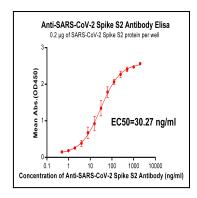


Figure 1. Elisa plate pre-coated by 2  $\mu$ g/ml(100 $\mu$ l/well) SARS-CoV-2 Spike S2 protein can bind Rabbit Anti-SARS-CoV-2 Spike S2 monoclonal antibody (clone:DM24) in a linear range of 1.9-250 ng/ml.