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12-9031: Anti-SARS-CoV-2 Spike antibody(DM41), Rabbit mAb

Clone Name: Monoclonal
Clone Name: DM41
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

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 1/5000-10000

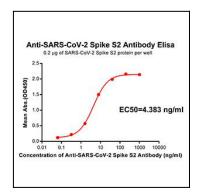


Figure 1. Elisa plate pre-coated by 2 μ g/ml(100 μ l/well) SARS-CoV-2 Spike S2 protein can bind Rabbit Anti-SARS-CoV-2 Spike S2 monoclonal antibody (clone:DM41) in a linear range of 0.32-40 ng/ml.