

Datasheet for ABIN6961055

anti-SARS-CoV-2 Spike S2 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	SARS-CoV-2 Spike S2
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Spike S2 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant SARS-CoV-2 Spike S2 protein (686-1213) produced by using E. coli
Clone:	DM25
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	SARS-CoV-2 Spike S2
Abstract:	SARS-CoV-2 Spike S2 Products
Target Type:	Viral Protein
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

Target Details

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.

Molecular Weight: 141 kDa

Gene ID: 43740568

UniProt: [P0DTC2](#)

Application Details

Application Notes: ELISA 1/5000-1/10000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 % Glycerol, PBS, pH 7.4, 0.1 % BSA, 0.1 % Procline 300

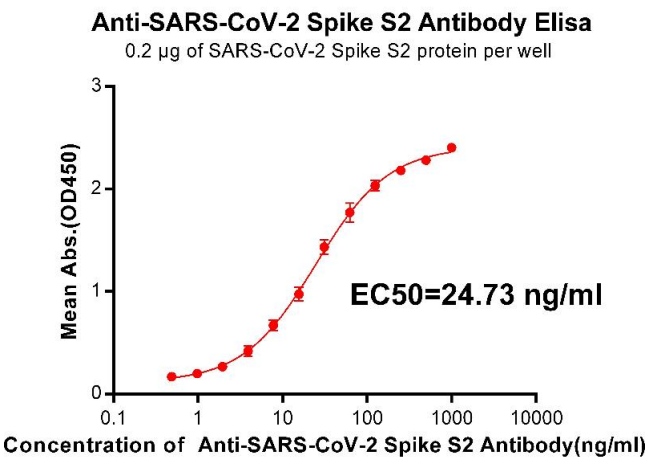
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



ELISA

Image 1. Elisa plate pre-coated by 2 µg/mL(100 µL/well) SARS-CoV-2 Spike S2 protein can bind Rabbit Anti-SARS-CoV-2 Spike S2 monoclonal antibody (clone:DM25) in a linear range of 1.9-250 ng/mL.