

Datasheet for ABIN7608370

anti-SARS-CoV-2 Spike antibody (Biotin)



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Overview

Quantity:	10 µg
Target:	SARS-CoV-2 Spike
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Spike antibody is conjugated to Biotin
Application:	ELISA

Product Details

Purpose:	Biotinylated Anti-SARS-CoV-2 Spike antibody(DM42), Rabbit mAb
Clone:	DM42
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	SARS-CoV-2 Spike
Alternative Name:	SARS-CoV-2 S (SARS-CoV-2 Spike Products)
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 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

Target Details

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.

UniProt: [P0DTC2](#)

Application Details

Application Notes: ELISA 1:5000-10000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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