



Datasheet for ABIN6990085  
**anti-SARS-CoV-2 Spike S1 antibody**



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1 Image

Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 Spike S1
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2), SARS CoV-2 Alpha
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Spike S1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant SARS-CoV-2 spike protein, S1 subunit.
Clone:	SP185
Isotype:	IgG kappa
Cross-Reactivity (Details):	ABIN6990085 recognizes the S proteins from wt SARS-CoV-2 and variant B.1.1.7 alpha; the antibody does not bind S proteins from variants B.1.351 beta and P.1 gamma.
Purification:	The antibody was expressed in HEK293F cells, and subsequently obtained from cell supernatant by protein A affinity chromatography.

Target Details

Target:	SARS-CoV-2 Spike S1
Abstract:	<a href="#">SARS-CoV-2 Spike S1 Products</a>

## Target Details

Target Type: Viral Protein

Gene ID: 43740568

## Application Details

Application Notes: Tested Matched Pair with ABIN6989982 (Detection Ab) in ELISA.

Restrictions: For Research Use only

## Handling

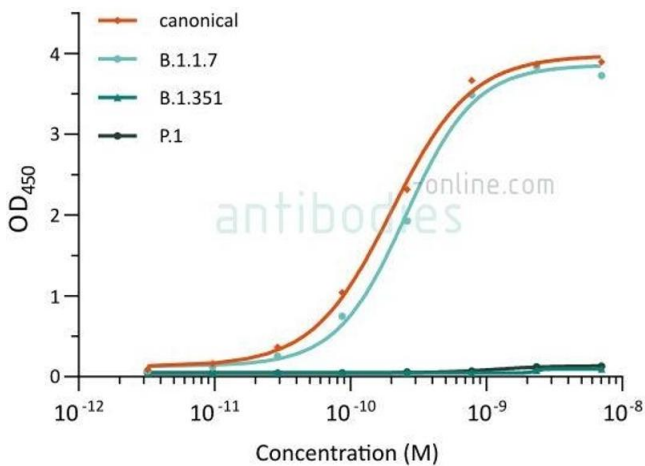
Format: Liquid

Buffer: PBS pH 7.2

Storage: -20 °C, 4 °C

Storage Comment: SARS-CoV-2 (COVID-19) Spike S1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



### ELISA

**Image 1.** Direct ELISA of SARS-CoV-2 variant proteins with anti-SARS-CoV-2 Spike S1 antibody ABIN6990085. Plates were coated with 0.457-1000 ng/mL SARS-CoV-2 full length spike wt protein ABIN6952670 or S protein from variants B.1.1.7 alpha ABIN6963742, B.1.351 beta ABIN6963740, or P.1 gamma ABIN6964443 at 4 °C ON. Incubation with detection antibody ABIN6990084 at 0.1 µg/ml at RT for 1h, followed by incubation with secondary goat anti-rabbit anti-rabbit HRP diluted 1:20,000 at RT for 1h. ABIN6990085 recognizes the S proteins from wt SARS-CoV-2 and variant B.1.1.7 alpha; the antibody does not bind S proteins from variants B.1.351 beta and P.1 gamma.