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Datasheet for ABIN6952751
anti-SARS-CoV-2 Spike S2 antibody (Biotin)

Overview

Quantity:	50 µg
Target:	SARS-CoV-2 Spike S2
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 Spike S2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Purpose:	Polyclonal Rabbit Biotinylated antibody against SARS-CoV-2 (COVID-19) Spike Protein Subunit 2 (S2) Protein
Immunogen:	This antibody was produced from antiserum of rabbits immunized with a recombinant SARS-CoV-2 S2 Subunit.
Isotype:	IgG
Specificity:	This antibody was selected for its ability to bind to the virus SARS-CoV-2 Spike Protein Subunit 2 (S2) from the disease COVID-19.
Characteristics:	Rabbit anti-SARS-CoV-2 S2 antibody [+Biotin]
Purification:	The IgG fraction was purified by Protein A affinity chromatography.

Target Details

Target:	SARS-CoV-2 Spike S2
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Target Details

Abstract:	SARS-CoV-2 Spike S2 Products
Target Type:	Viral Protein
Background:	It's been reported that 2019-nCoV can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S2 contains basic elements needed for the membrane fusion. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
Gene ID:	43740568
UniProt:	P0DTC2

Application Details

Application Notes:	ELISA (recommended work dilution = 1:80,000)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the antibody with sterile water to a final concentration of 1 mg/mL.
Buffer:	Product is supplied as a powder obtained from lyophilization of purified antibody in citric acid solution.
Handling Advice:	Please avoid freeze-thaw cycles, as this will lower the activity of the antibody.
Storage:	-20 °C
Storage Comment:	Store at 4°C if intended for use within one month, otherwise, store at -20°C to -80°C. The lyophilized antibody is stable for at least 18 months after the date of receipt when stored at -20°C to -80°C. After reconstitution, it can be aliquoted and stored frozen at -20°C to -80°C in a manual defrost freezer for at least 6 months without detectable loss of activity. Upon reconstitution, the antibody can also be stored for 1 month at 4°C.