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Datasheet for ABIN6992294

**anti-SARS-CoV-2 Envelope antibody (N-Term) (Biotin)**

## Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 Envelope (SARS-CoV-2 E)
Binding Specificity:	N-Term
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 Envelope antibody is conjugated to Biotin
Application:	Please inquire

## Product Details

Immunogen:	Anti-SARS-CoV-2 (COVID-19, 2019-nCoV) Envelope antibody was raised against a peptide corresponding to 10 amino acids near the amino terminus of SARS-CoV-2 (COVID-19, 2019-nCoV) Envelope protein. The immunogen is located within the first 50 amino acids of SARS-CoV-2 (COVID-19, 2019-nCoV) Envelope.
Isotype:	IgG
Purification:	SARS-CoV-2 (COVID-19, 2019-nCoV) Envelope Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	SARS-CoV-2 Envelope (SARS-CoV-2 E)
Alternative Name:	SARS-CoV-2 Envelope ( <a href="#">SARS-CoV-2 E Products</a> )

## Target Details

Target Type:	Viral Protein
Background:	<p>Coronavirus disease 2019 (COVID-19), formerly known as 2019-nCoV acute respiratory disease, is an infectious disease caused by SARS-CoV-2, a virus closely related to the SARS virus (1).</p> <p>The disease is the cause of the 2019-20 coronavirus outbreak (2). The structure of 2019-nCoV consists of the following: a spike protein (S), hemagglutinin-esterase dimer (HE), a membrane glycoprotein (M), an envelope protein (E) a nucleocapsid protein (N) and RNA. Envelope protein is a small polypeptide that contains at least one alpha-helical transmembrane domain. It involves in several aspects of the virus's life cycle, such as assembly, budding, envelope formation, and pathogenesis. E protein has membrane permeabilizing activity, which provides a possible rationale to inhibit in vitro ion channel activity of some synthetic coronavirus E proteins, and also viral replication (3).</p>
Gene ID:	43740570

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SARS-CoV-2 (COVID-19, 2019-nCoV) Envelope Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage Comment:	SARS-CoV-2 (COVID-19, 2019-nCoV) Envelope 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.