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Datasheet for ABIN6990146

anti-SARS-CoV-2 NSP6 antibody (AA 230-280)

Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 NSP6 (NSP6)
Binding Specificity:	AA 230-280
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 NSP6 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Anti-SARS-CoV-2 (COVID-19) NSP6 antibody was raised against a peptide corresponding to 18 amino acids in the center of SARS-CoV-2 (COVID-19) NSP6 protein. The immunogen is located in between 230-280 amino acids of the SARS-CoV-2 (COVID-19) NSP6 protein.
Isotype:	IgG
Purification:	SARS-CoV-2 (COVID-19) NSP6 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SARS-CoV-2 NSP6 (NSP6)
Alternative Name:	SARS-CoV-2 NSP6 (NSP6 Products)
Target Type:	Viral Protein

Target Details

Background: 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). 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. NSP6 plays a role in the initial induction of autophagosomes from host reticulum endoplasmic. Later, it limits the expansion of these phagosomes that are no longer able to deliver viral components to lysosomes (3,4).

Gene ID: 43740578

NCBI Accession: [YP_009742613](#)

UniProt: [P0DTC1](#)

Application Details

Application Notes: Antibody validated: SARS-CoV-2 (COVID-19) NSP6 antibody can detect 2 ng of free peptide at 1 µg/mL in ELISA.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SARS-CoV-2 (COVID-19) NSP6 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: -20 °C, 4 °C

Storage Comment: SARS-CoV-2 (COVID-19) NSP6 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.