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Datasheet for ABIN6992286
anti-SARS-CoV-2 NSP15 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 NSP15 (NSP15)
Binding Specificity:	C-Term
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 NSP15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Anti-SARS-CoV-2 (COVID-19) NSP15 antibody was raised against a peptide corresponding to 15 amino acids near the carboxyl terminus of SARS-CoV-2 (COVID-19) NSP15 protein. The immunogen is located within the last 50 amino acids of the SARS-CoV-2 (COVID-19) NSP15 protein.
Isotype:	IgG
Purification:	SARS-CoV-2 (COVID-19) NSP15 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SARS-CoV-2 NSP15 (NSP15)
Alternative Name:	SARS-CoV-2 NSP15 (NSP15 Products)

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). 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. NSP15 is a Mn²⁺-dependent, uridylyate-specific enzyme, which leaves 2'-3'-cyclic phosphates 5' to the cleaved bond.</p>
Gene ID:	43740578
UniProt:	P0DTC1

Application Details

Application Notes:	<p>WB: 0.5-1 µg/mL</p> <p>Antibody validated: SARS-CoV-2 (COVID-19) NSP15 antibody can detect 2 ng of free peptide at 1 µg/mL in ELISA. It can detect SARS-CoV-2 NSP15 recombinant protein by ELISA and WB. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SARS-CoV-2 (COVID-19) NSP15 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) NSP15 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.