

Datasheet for ABIN6990121 anti-SARS-Coronavirus Membrane Protein (SARS-CoV M) (N-Term) antibody



Overview

Quantity:	0.1 mg
Target:	SARS-Coronavirus Membrane Protein (SARS-CoV M)
Binding Specificity:	N-Term
Reactivity:	SARS Coronavirus (SARS-CoV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA
Product Details	
Immunogen:	Anti-SARS-CoV Matrix antibody was raised against a peptide corresponding to 13 amino acids
	near the amino-terminus of SARS-CoV Matrix protein. The immunogen is located within the first
	50 amino acids of SARS-CoV Matrix.
Isotype:	IgG
Purification:	SARS-CoV Matrix Antibody is affinity chromatography purified via peptide column.
Target Details	
Target:	SARS-Coronavirus Membrane Protein (SARS-CoV M)
Alternative Name:	SARS-CoV M Protein (SARS-CoV M Products)
Target Type:	Viral Protein

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN6990121 | 07/25/2024 | Copyright antibodies-online. All rights reserved.

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-esterease dimer (HE), a membrane
	glycoprotein (M), an envelope protein (E) a nucleoclapid protein (N) and RNA. The membrane
	(M) protein or matrix protein is the most abundant structural protein and defines the shape of
	the viral envelope (3). It is an integral membrane protein involved in the budding of the viral
	particles and interacts with S (Spike) protein. It involves in organization of the nucleoprotein
	inside, which includes many copies of the N (nucleocapsid) protein bound to the genomic RNA.
	The M protein holds dominant cellular immunogenicity and has been determined as a
	protective antigen in humoral responses, which suggests it would serve as a potential target in
	vaccine design (4).
Gene ID:	1489672
UniProt:	P59596

Application Details

Application Notes:	SARS-CoV Matrix antibody can be used for the detection of SARS-CoV Matrix protein in ELISA.
	It will detect 5 ng of free peptide at 1 μ ,g/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SARS-CoV Matrix 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 Matrix 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.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/2 | Product datasheet for ABIN6990121 | 07/25/2024 | Copyright antibodies-online. All rights reserved.