Datasheet for ABIN7383875

anti-SARS-CoV-2 Spike S1 antibody

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Overview

Quantity:	50 µL
Target:	SARS-CoV-2 Spike S1
Reactivity:	SARS Coronavirus (SARS-CoV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Spike S1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant SARS-CoV S1 Protein (His Tag)(Active),PKSV030101
Clone:	8
Isotype:	IgG2a
Specificity:	Anti-SARS-CoV Spike S1 Monoclonal Antibody
Purification:	Protein A Affinity

Target Details

Target:	SARS-CoV-2 Spike S1
Alternative Name:	SARS-CoV Spike S1 (SARS-CoV-2 Spike S1 Products)
Target Type:	Viral Protein
Background:	Coronavirus s1,coronavirus spike,cov spike,ncov RBD,ncov s1,ncov spike,novel coronavirus

Target Details

RBD,novel coronavirus s1,novel coronavirus spike,RBD,S1,Spike RBD,The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. Known receptors bind S1 are ACE2, angiotensin-converting enzyme 2, DPP4, dipeptidyl peptidase-4, APN, aminopeptidase N, CEACAM, carcinoembryonic antigen-related cell adhesion molecule 1, Sia, sialic acid, O-ac Sia, O-acetylated sialic acid. The spike is essential for both host specificity and viral infectivity. The term 'peplomer' is typically used to refer to a grouping of heterologous proteins on the virus surface that function together. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process.

Application Details

Application Notes:	WB 1:1000-1:5000 ELISA 1:1000-1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	0.2 μm filtered solution in PBS
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.