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Anti-SARS-CoV Spike S1 Monoclonal Antibody

E-AB-V1350

Application	WB,ELISA	**Host**	Mouse
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Clone No.**	08

Important Note Centrifuge before opening to ensure complete recovery of vial contents.

Product Details

Immunogen	Recombinant SARS-CoV S1 Protein (His Tag)（Active）
Isotype	IgG2a
Host	Mouse
Clone No.	08
Reactivity	SARS
Dilution	WB 1:1000-1:5000 ELISA 1:1000-1:2000
Storage Buffer	0.2 μm filtered solution in PBS
Stability & Storage	Ships on ice packs. Store at -20°C
Description	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified Recombinant SARS-CoV S1 Protein (His Tag)(Active). The IgG fraction of the cell culture supernatant was pur

Antigen Infomation

Alternate Names	coronavirus s1,coronavirus spike,cov spike,ncov RBD,ncov s1,ncov spike,novel coronavirus RBD,novel coronavirus s1,,novel coronavirus spike,RBD,S1,Spike RBD
Background	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.

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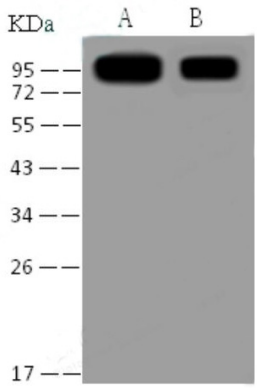
Images



Western Blot analysis of Recombinant SARS-CoV S1 Protein (His Tag)(PKSV030101 with 30ng and 5ng) using Anti-SARS-CoV Spike S1 Monoclonal Antibody at dilution of 1:1000.