

SARS-CoV Spike Antibody

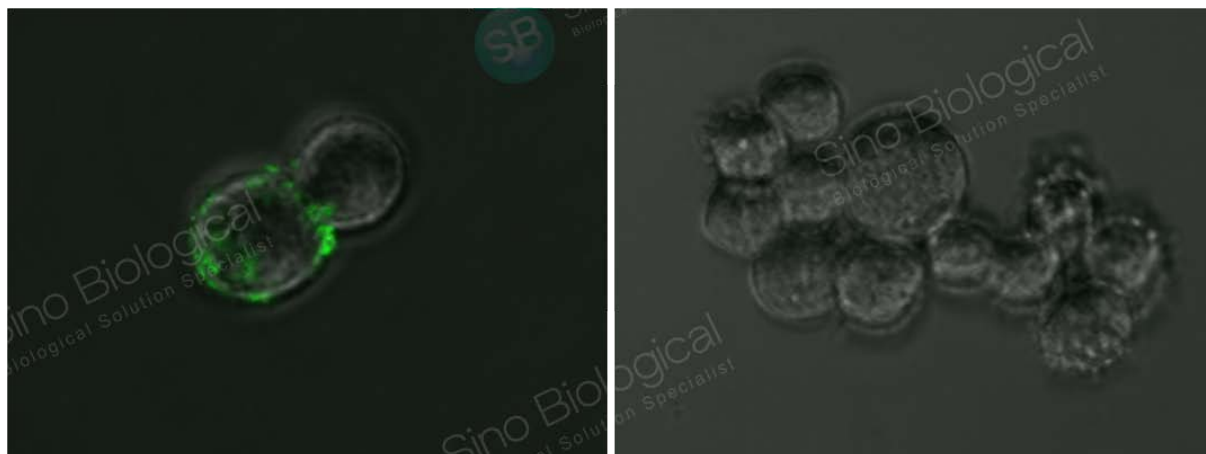


Sino Biological
Biological Solution Specialist

Catalog Number: 40150-D003

GENERAL INFORMATION	
Immunogen:	Recombinant SARS-CoV Spike RBD Protein (Catalog#40150-V08B2)
Preparation	It is a chimeric monoclonal antibody combining the constant domains of the human IgG1 molecule with mouse variable regions. The variable region was obtained from a mouse immunized with purified, recombinant SARS-CoV Spike RBD Protein. The antibody was produced using recombinant antibody technology.
Ig Type:	mouse (variable region) / human (kappa / IgG1 constant) chimeric antibody
Clone ID	D003
Specificity:	SARS-CoV Spike RBD Protein Has cross-reactivity in ELISA with SARS-CoV Spike S1 Protein (Cat:40150-V08B1), SARS-CoV-2 (2019-nCoV) Spike S1 Protein (Cat# 40591-V08H), SARS-CoV-2 (2019-nCoV) Spike RBD Protein (Cat# 40592-V08B).
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	spike
APPLICATIONS	
Applications:	ELISA, IHC-P, FCM, ICC/IF, IP
	(Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
ELISA	ELISA: 1:5000-1:10000

Please Note: Optimal concentrations/dilutions should be determined by the end user.



Immunofluorescence staining of SARS-CoV-2 (2019-nCoV) Spike in ACE2-overexpressed 293T cells, infected (left) or noninfected (right) by 2019-nCoV-Spike pseudovirus (PSV). Cells were blocked with 10% serum, and incubated with SARS-CoV Spike monoclonal antibody (dilution ratio 1:60) at 37°C for 1 hour. Then cells were stained with the FITC-conjugated Goat Anti-human IgG secondary antibody (green).

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