

# SARS-CoV Spike Antibody



Sino Biological  
Biological Solution Specialist

Catalog Number: 40150-D004

## GENERAL INFORMATION

<b>Immunogen:</b>	Recombinant SARS-CoV Spike RBD Protein (Catalog#40150-V08B2)
<b>Preparation</b>	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.
<b>Ig Type:</b>	mouse (variable region) / human (kappa / IgG1 constant) chimeric antibody
<b>Clone ID</b>	D004
<b>Specificity:</b>	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).
<b>Formulation:</b>	0.2 µm filtered solution in PBS
<b>Storage:</b>	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.
<b>Alternative Names:</b>	spike

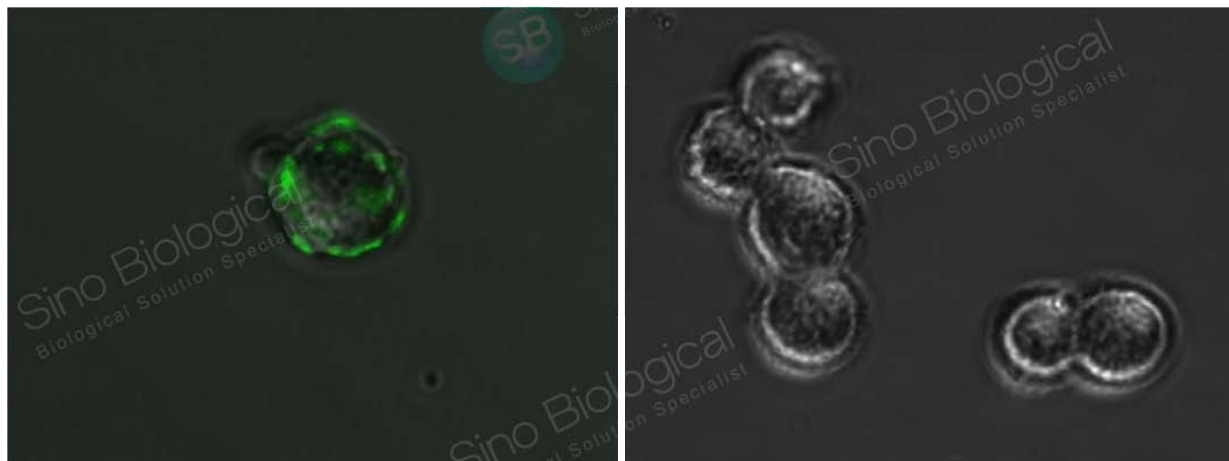
## APPLICATIONS

<b>Applications:</b>	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

<b>ELISA</b>	ELISA: 1:5000-1:10000
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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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