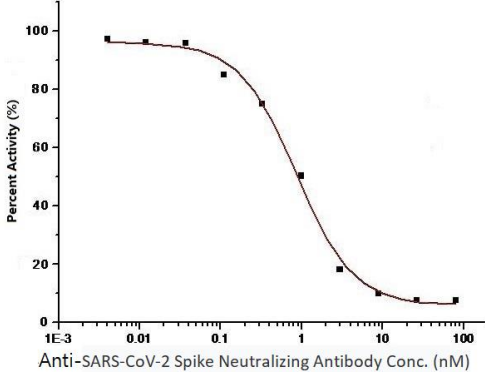


SARS-CoV-2 Spike Neutralizing Antibody, Mouse Mab (IgG1 Clone 43)

Cat# A530108

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

INFORMATION

Product Name	SARS-CoV-2 Spike Neutralizing Antibody, Mouse Mab (IgG1 Clone 43)										
Cat. No.	A530108										
Size	100ug										
Immunogen	Recombinant SARS-CoV-2 Spike S1-mFc Protein										
Host	Mouse										
Concentration	> 1 mg/mL										
Tested applications	ELISA, Neutralization										
Application	ELISA: 0.5-1 µg/mL										
Conjugation	Unconjugated										
Purification Method	Protein A										
Storage instruction	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.										
Image	 <p>Serial dilutions of Anti-SARS-CoV-2 Neutralizing Antibody was detected by SARS-CoV-2 Inhibitor Screening ELISA Kit. The IC50 is typically 0.857 nM.</p> <table border="1" data-bbox="486 1747 1045 1960"> <thead> <tr> <th>Conc. (µg/mL)</th> <th>Inhibition%</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>96.39%</td> </tr> <tr> <td>10</td> <td>94.57%</td> </tr> <tr> <td>1</td> <td>42.24%</td> </tr> <tr> <td>0.1</td> <td>-5.53%</td> </tr> </tbody> </table>	Conc. (µg/mL)	Inhibition%	100	96.39%	10	94.57%	1	42.24%	0.1	-5.53%
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	<p>The neutralization activity is Measured by microneutralization assay in vitro. The virus microneutralization (MN) test was performed on 293T-ACE2 cells infected with SARS-CoV-2 Spike Pseudovirus under treatment of serial dilutions of neutralizing antibody. The infection was neutralized by increasing concentrations of Anti-SARS-CoV-2 Neutralizing Antibody. Rate of inhibition was determined by comparing the Relative Light Unit (RLU) of Luciferase reporter in different antibody concentrations. The IC50 is typically 1.41 µg/mL.</p>
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PRODUCT USE LIMITATION

These products are intended for research use only.