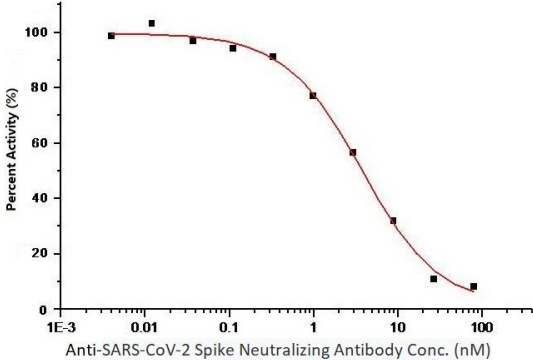


SARS-CoV-2 Spike Neutralizing Antibody, Mouse Mab (IgG2b Clone 57)

Cat# A530109

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

INFORMATION

Product Name	SARS-CoV-2 Spike Neutralizing Antibody, Mouse Mab(IgG2b Clone 57)										
Cat. No.	A530109										
Size	100ug										
Immunogen	Recombinant SARS-CoV-2 Spike RBD-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	<div style="text-align: center;">  <p>Serial dilutions of Anti-SARS-CoV-2 Neutralizing Antibody was detected by SARS-CoV-2 Inhibitor Screening ELISA Kit. The IC50 is typically 3.694 nM.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Conc. (µg/mL)</th> <th>Inhibition%</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>95.51%</td> </tr> <tr> <td>10</td> <td>93.32%</td> </tr> <tr> <td>1</td> <td>75.69%</td> </tr> <tr> <td>0.1</td> <td>10.11%</td> </tr> </tbody> </table> </div>	Conc. (µg/mL)	Inhibition%	100	95.51%	10	93.32%	1	75.69%	0.1	10.11%
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100	95.51%										
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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 0.41 µg/mL.</p>
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PRODUCT USE LIMITATION

These products are intended for research use only.