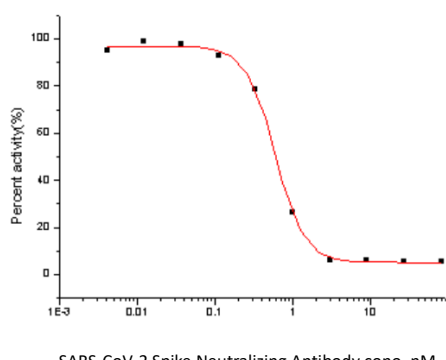


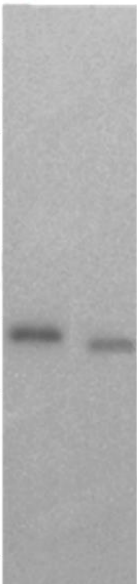
SARS-CoV-2 Spike Neutralizing Antibody, Rabbit Mab

Cat# A540106

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

INFORMATION

Product Name	SARS-CoV-2 Spike Neutralizing Antibody, Rabbit Mab											
Cat. No.	A540106											
Size	100ug											
Immunogen	Recombinant SARS-CoV-2 Spike RBD-mFc Protein											
Host	Rabbit											
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 0.59nM.</p>											
	<table border="1"> <thead> <tr> <th>Conc. (µg/mL)</th> <th>Inhibition%</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>99.56%</td> </tr> <tr> <td>4</td> <td>99.9%</td> </tr> <tr> <td>0.16</td> <td>59.29%</td> </tr> <tr> <td>0.032</td> <td>5.59%</td> </tr> </tbody> </table>	Conc. (µg/mL)	Inhibition%	100	99.56%	4	99.9%	0.16	59.29%	0.032	5.59%	<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</p>
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100	99.56%											
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	<p>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 0.11 µg/mL.</p>
	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>KDa</p> <p>180 —</p> <p>130 —</p> <p>95 —</p> <p>72 —</p> <p>55 —</p> <p>43 —</p> <p>34 —</p> <p>26 —</p> <p>17 —</p> </div> <div style="margin-right: 20px;"> <p>A B</p>  </div> <div> <p>Anti-SARS-CoV-2 Spike rabbit monoclonal antibody in 1ug/ml.</p> <p>Lane A: SARS-CoV Spike/RBD Protein (30ng)</p> <p>Lane B: SARS-CoV-2 (2019-nCoV) Spike RBD-His Recombinant Protein (30ng)</p> <p>Secondary</p> <p>Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.</p> <p>Developed using the ECL technique.</p> <p>Performed under reducing conditions.</p> </div> </div>

PRODUCT USE LIMITATION

These products are intended for research use only.