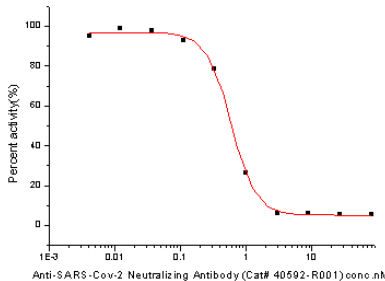


SARS-CoV-2 (2019-nCoV) Spike Neutralizing Antibody, Rabbit Mab

Cat# A540106

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

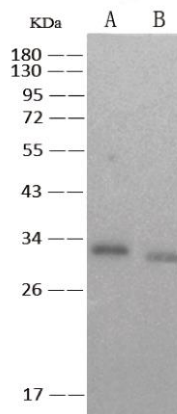
INFORMATION

Product Name	SARS-CoV-2 (2019-nCoV) Spike Neutralizing Antibody, Rabbit Mab
Cat. No.	A540106
Size	100ul
Product type	Primary Antibody
Species Reactivity	2019-nCoV Coronavirus spike Has cross-reactivity in ELISA with SARS-CoV-2 (2019-nCoV) Spike S1 Protein
Immunogen	Recombinant SARS-CoV-2 (2019-nCoV) Spike RBD-mFc Protein
Host	Rabbit
Concentration	> 1 mg/mL
Clonality	monoclonal
Tested applications	WB,ELISA,Neutralization
Application	WB: 1-5 µg/mL 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 (2019-nCoV) Inhibitor Screening ELISA Kit. The IC50 is typically 0.59nM.</p>

Conc. (µg/mL)	Inhibition%
100	99.56%
4	99.9%
0.16	59.29%
0.032	5.59%

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 (2019-nCoV)

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 0.11 µg/mL.



Anti-SARS-CoV-2 Spike rabbit monoclonal antibody in 1µg/ml.
 Lane A: SARS-CoV Spike/RBD Protein (30ng)
 Lane B: SARS-CoV-2 (2019-nCoV) Spike RBD-His Recombinant Protein (30ng)
 Secondary
 Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
 Developed using the ECL technique.
 Performed under reducing conditions.

PRODUCT USE LIMITATION

These products are intended for research use only.