

SARS-CoV-2 RBD antibody 47G1

Cat. No.	Ab-P0023						
Product name	SARS-CoV-2 RBD antibody 47G1						
Size	100 µg						
Host Species	Mouse						
Specificity	○ : work, — : not work						
	<table border="1"> <thead> <tr> <th></th> <th>ELISA</th> </tr> </thead> <tbody> <tr> <td>SARS-CoV-1 S1-His</td> <td>○</td> </tr> <tr> <td>SARS-CoV-2 RBD-mFc</td> <td>○</td> </tr> </tbody> </table>		ELISA	SARS-CoV-1 S1-His	○	SARS-CoV-2 RBD-mFc	○
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SARS-CoV-1 S1-His	○						
SARS-CoV-2 RBD-mFc	○						

Form	Liquid
Storage	Store at -20°C. Avoid multiple freeze-thaw cycles.
purity	>90% by SDS-PAGE
Concentration	1mg/ml
Storage buffer	PBS (pH7.4)
Clonality	Monoclonal
Clone number	47G1
Isotype	IgG

Recommended Dilutions	ELISA	1/5,000 – 1/10,000
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Backgrounds

In previous studies, a number of potent monoclonal antibodies against SARS coronavirus (SARS-CoV) have been identified. These antibodies target more specifically the 193 amino acid length (N318-V510) receptor binding domain (RBD) within the S protein is the critical target for neutralizing antibodies. Some of the antibodies recognize different epitopes on RBD, for example the SARS-CoV neutralizing antibodies CR3014 and CR3022 bound noncompetitively to the SARS-CoV RBD and neutralized the virus in a synergistic fashion.

Note : For research use only. Not for use in diagnostic procedures.