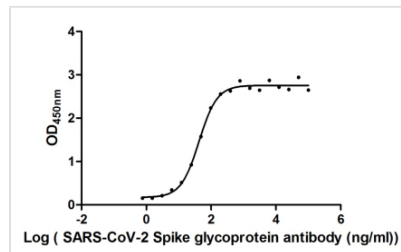




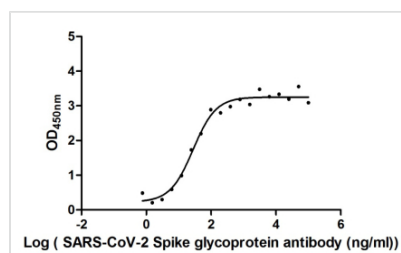
# S Antibody

<b>Product Code</b>	CSB-RA33245A1GMY
<b>Abbreviation</b>	S
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P0DTC2
<b>Immunogen</b>	Recombinant Human Novel Coronavirus Spike glycoprotein (S) (16-685aa) (CSB-MP3324GMY)
<b>Species Reactivity</b>	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
<b>Tested Applications</b>	ELISA, GICA; Recommended dilution: ELISA:1:10000-1:50000, GICA:1:500-1:40000
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Mouse scFv fusion with human IgG1 Fc
<b>Clonality</b>	Monoclonal
<b>Alias</b>	S, S1, S1-RBD, Spike glycoprotein
<b>Species</b>	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
<b>Research Area</b>	Microbiology
<b>Gene Names</b>	S
<b>Accession NO.</b>	H6

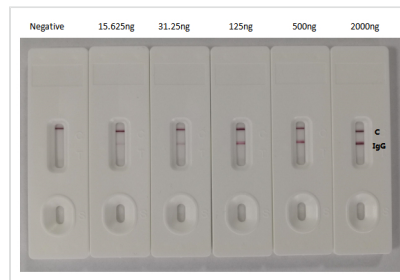
## Image



The Binding Activity of SARS-CoV-2-S Antibody with SARS-CoV-2-S  
Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S (CSB-MP3324GMY) at 2 µg/ml can bind SARS-CoV-2-S Antibody, the EC<sub>50</sub> of SARS-CoV-2-S Antibody is 36.79-48.87 ng/ml.



The Binding Activity of SARS-CoV-2-S Antibody with SARS-CoV-2-S1-RBD  
Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD (CSB-YP3324GMY1) at 2 µg/ml can bind SARS-CoV-2-S Antibody, the EC<sub>50</sub> of SARS-CoV-2-S Antibody is 19.60-39.42 ng/ml.



In the Colloidal Gold Immunochromatography Assay detection system, the background of antibody (CSB-RA33245A1GMY) is clean, the detection limit can be as low as 15.625ng, and the specificity is very good.

## Description

Recombinant anti-SARS-CoV-2 spike Mouse ScFv is expressed from 293 cells (HEK293) with a human IgG1 Fc tag on C-terminal.