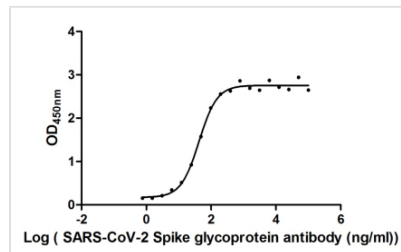




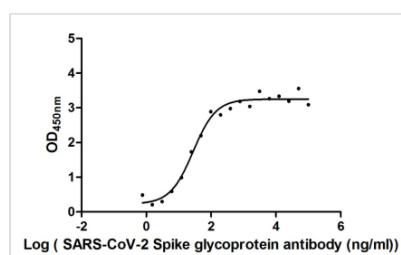
S Antibody

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

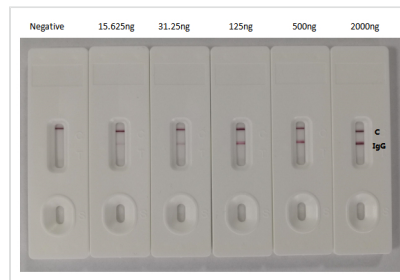
Image



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 EC₅₀ 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 EC₅₀ 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.