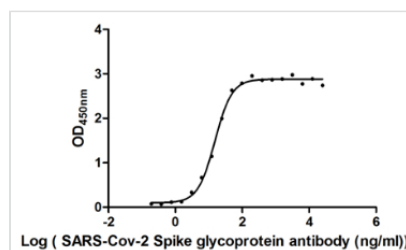




S Recombinant Monoclonal Antibody

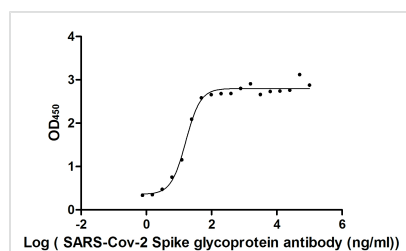
Product Code	CSB-RA33245A0GMY
Abbreviation	S
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P0DTC2
Immunogen	Recombinant Human Novel Coronavirus Spike glycoprotein (S) (16-685aa) (CSB-MP3324GMY)
Species Reactivity	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Tested Applications	ELISA, GICA; Recommended dilution: ELISA:1:10000-1:50000, GICA:1:500-1:25000
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	Monoclonal mouse (variable region) / human (kappa / IgG1 constant)chimeric antibody
Clonality	Monoclonal
Alias	S, S1, S1-RBD, Spike glycoprotein
Immunogen Species	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Research Area	Microbiology
Target Names	S (Spike glycoprotein)
Clone No.	H6

Image



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-MP3324GMY1b1) at 2 µg/ml can bind SARS-CoV-2-S Antibody, the EC₅₀ is 15.29 ng/ml.

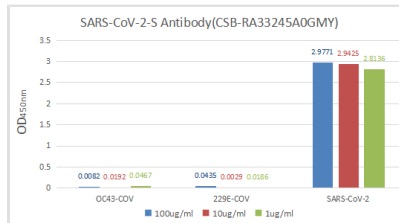


The Binding Activity of SARS-CoV-2-S Antibody with SARS-CoV-2-S1-RBD

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 is 16.49 ng/ml.



In the Colloidal Gold Immunochromatography Assay detection system, the background of antibody (CSB-RA33245A0GMY) is clean, the detection limit can be as low as 13.94ng/ml (0.976ng/0.07ml), and the sensitivity is very good.



ELISA: Immobilize various types of SARS proteins at concentration of 2μg/ml on solid substrate, then react with SARS-CoV-2-S Antibody at concentration of 100μg/ml, 10μg/ml and 1μg/ml. It shows the SARS-CoV-2-S Antibody (CSB-RA33245A0GMY) is specific for SARS-CoV-2-S1-RBD protein, without any cross-reactivity with HCoV-OC43, HCoV-229E.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.