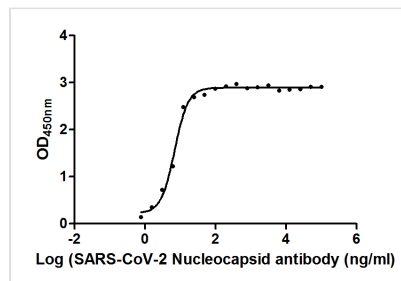




# N Recombinant Monoclonal Antibody

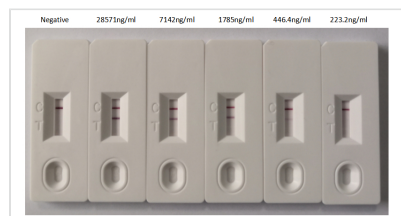
<b>Product Code</b>	CSB-RA33255A0GMY
<b>Abbreviation</b>	N
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P0DTC9
<b>Immunogen</b>	Recombinant Human Novel Coronavirus Nucleoprotein (N) (1-419aa)(CSB-EP3325GMY)
<b>Species Reactivity</b>	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
<b>Tested Applications</b>	ELISA, GICA; Recommended dilution: ELISA:1:10000-1:50000, GICA:1:500-1:2000
<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>	Monoclonal mouse (variable region)/human (kappa/IgG1 constant)chimeric antibody
<b>Clonality</b>	Monoclonal
<b>Alias</b>	Nucleocapsid protein, NC, protein N, N
<b>Immunogen Species</b>	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
<b>Research Area</b>	Microbiology
<b>Target Names</b>	N (Nucleoprotein)
<b>Clone No.</b>	1A6

## Image

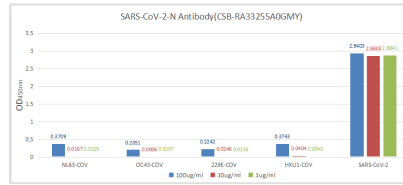


The Binding Activity of SARS-CoV-2-N Antibody with SARS-CoV-2-N

Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-N (CSB-EP3325GMY) at 2 µg/ml can bind SARS-CoV-2-N Antibody, the EC<sub>50</sub> is 6.892 ng/ml.



In the Colloidal Gold Immunochromatography Assay detection system, the background of antibody (CSB-RA33255A0GMY) is clean, the detection limit can be as low as 446.4ng/ml (31.25ng/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-N Antibody at concentration of 100µg/ml, 10µg/ml and 1µg/ml. It shows the SARS-CoV-2-N Antibody (CSB-RA33255A0GMY) is specific for SARS-CoV-2-N protein, without any cross-reactivity with NL63-CoV, HCoV-OC43, HCoV-229E or HCoV-HKU1.

**Usage**

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