

COVID 19 Nucleocapsid (NP) Coronavirus Recombinant Antibody | COVID-19 recombinant antibody

Human Novel Coronavirus Nucleoprotein (N) (1-419aa) Antibody

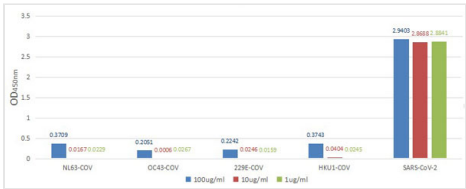
CATALOG # AAA27038	REACTIVITY Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)	APPLICATIONS ELISA, Cytotoxicity Assay
------------------------------	--	--

PRODUCT SYNONYMS

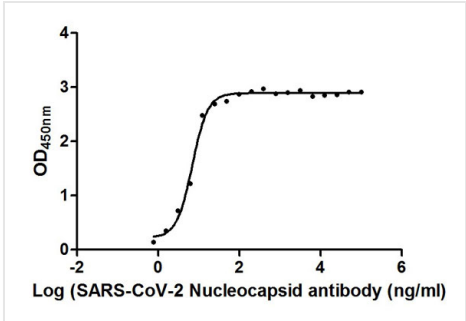
COVID 19 Nucleocapsid (NP) Coronavirus; Monoclonal Recombinant Antibody; Human Novel Coronavirus Nucleoprotein (N) (1-419aa) Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Nucleocapsid; Nucleoprotein (NP); Nucleocapsid protein; NC; protein N; N; COVID-19 recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Clonality	Monoclonal
Isotype	Monoclonal mouse (variable region)/human (kappa/IgG1 constant) chimeric antibody
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Applicable Applications for COVID-19 recombinant antibody	ELISA, GICA (Colloidal Gold Immunochromatographic Assay)
Application Notes	ELISA:1:10000-1:50000, GICA:1:500-1:2000
Immunogen	Recombinant Human Novel Coronavirus Nucleoprotein (N) (1-419aa)(
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Research Area	Microbiology
Gene Names	N (Nucleoprotein)
Accession NO.	1A6
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Application Data
In the Colloidal Gold Immunochromatography Assay detection system, the background of antibody (AAA27038) is clean, the detection limit can be as low as 446.4ng/ml (31.25ng/0.07ml), and the sensitivity is very good.



Application Data
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 at 2g/ml can bind SARS-CoV-2-N Antibody, the EC50 is 6.892 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant antibody	Recombinant anti-SARS-CoV-2 Nucleoprotein Mouse ScFv is expressed from 293 cells (HEK293), It is a chimeric monoclonal antibody combining the mouse variable regions with the constant domains of human IgG1.
Product Categories/Family for COVID-19 recombinant antibody	Infectious Diseases

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P0DTC2
---------------------	--------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/covid-19-nucleocapsid-np-coronavirus-recombinant-antibody-colloidal-gold-immunochromatographic-assay-elisa/27038>