

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

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

CATALOG # AAA27037	REACTIVITY Human Novel Coronavirus (SARS-CoV-2/2019-nCoV)	APPLICATIONS ELISA, Western Blot, Cytotoxicity Assay
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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); COVID-19 recombinant antibody

PRODUCT SPECIFICATIONS

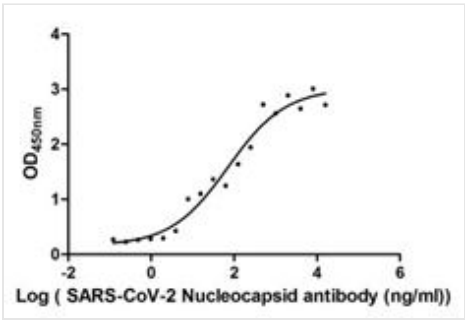
Reactivity	Human Novel Coronavirus (SARS-CoV-2/2019-nCoV)
Clonality	Monoclonal
Isotype	Mouse scFv fusion with human IgG1 Fc
Clone Number	1A6
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Applicable Applications for COVID-19 recombinant antibody	ELISA, WB (Western Blot), GICA (Gold Immunochromatography Assay)
Application Notes	ELISA: 1:10000-1:50000 WB: 1:500-1:5000 GICA: 1:1000-1:10000
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
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



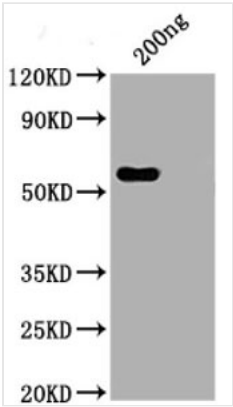
Colloidal Gold Immunochromatography Assay

In the Colloidal Gold Immunochromatography Assay detection system, the background of antibody (AAA27037) is clean, the detection limit can be as low as 125ng/ml (8.75ng/0.07ml), and the sensitivity is very good.



Activity

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 1.586 ng/ml.



WB (Western Blot)

Western Blot Positive WB detected in: His tag-tagged SARSCoV-2 nucleocapsid recombinant protein from E.Coli SARS-CoV-2 nucleocapsid antibody at 1:1000 (AAA27037)Secondary Peroxidase-Affinipure Goat Anti-Human IgG, Fc Fragment Specific at 1/20000 dilutionPredicted band size: 48 kDaObserved band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for COVID-19 recombinant antibody	Recombinant anti-SARS-CoV-2 Nucleoprotein Mouse ScFv is expressed from 293 cells (HEK293) with a human IgG1 Fc tag on C-terminal.
Product Categories/Family for COVID-19 recombinant antibody	Infectious Diseases

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P0DTC9
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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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/covid-19-nucleocapsid-np-coronavirus-recombinant-antibody-clone-1a6-western-blot-gold-immunochromatography-assay-elisa/27037>