

anti-SARS-COV2 COVID 19 Nucleocapsid (NP) Coronavirus Monoclonal Antibody | anti-COVID-19 antibody

SARS-COV/SARS-COV-2 NP Monoclonal Antibody(2019-nCoV)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22152	Mouse / Human	SARS-COV2	ELISA

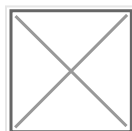
PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Coronavirus; Monoclonal Antibody; SARS-COV/SARS-COV-2 NP Monoclonal Antibody(2019-nCoV); 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); coronavirus NP; coronavirus Nucleocapsid; coronavirus Nucleoprotein; cov np; nCoV NP; novel coronavirus NP; novel coronavirus Nucleocapsid; novel coronavirus Nucleoprotein; NP; Nucloprotein Antibody; anti-COVID-19 antibody

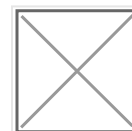
PRODUCT SPECIFICATIONS

Host	Mouse / Human
Reactivity	SARS-COV2
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6G9
Form/Format	PBS, pH 7.4
Applicable Applications for anti-COVID-19 antibody	ELISA
Application Notes	ELISA: 1:5,000-1:10,000
Immunogen	Recombinant 2019-nCoV Nucleocapsid Protein
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	The product is shipped on blue ice. Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



Application Data



Application Data

Immobilized 2019-nCoV Nucleocapsid Protein at 5.0ug/ml (100uL/well) can bind SARS-CoV2-NP Antibody (6G9), the EC50 is less than 13.78ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	Background: Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a test tool. Description: It is a chimeric monoclonal antibody combining the constant domains of the human IgG1 molecule with mouse variable regions. The variable region was obtained from a mouse immunized with purified, recombinant SARS-CoV Spike RBD Protein. The antibody was produced using recombinant antibody technology.
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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-antibody-clone-6g9-elisa/22152>