

SARS-COV-2 NP Monoclonal Antibody

Catalog No.:	E-AB-V1018	Applications:	ELISA
Storage:	Store at -20 °C, Avoid freeze / thaw cycles	Clone No.	4A6

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Antigen Information

Alternate Names coronavirus NP,coronavirus Nucleocapsid,coronavirus Nucleoprotein,cov np,ncov NP,novel coronavirus NP,novel coronavirus Nucleocapsid,novel coronavirus Nucleoprotein, NP, Nucleocapsid, Nucleoprotein 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 diagnostic tool.

Product Details

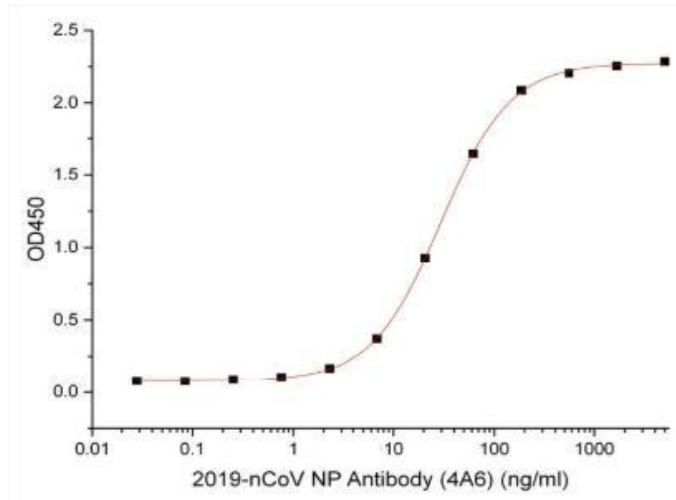
Clone No.	4A6
Host	Mouse
Isotype	IgG1
Immunogen	Recombinant 2019-nCoV Nucleocapsid Protein [PKSR030485]
Application	ELISA
Reactivity	SARS-COV2
Dilution	ELISA 1:5,000-10,000
Storage Buffer	PBS, pH 7.4
Stability & Storage	Ships on ice packs. Store at -20°C
Description	SARS-COV-2 NP Monoclonal Antibody is a Mouse IgG1 monoclonal antibody and is produced in vitro under conditions free from animal derived components.

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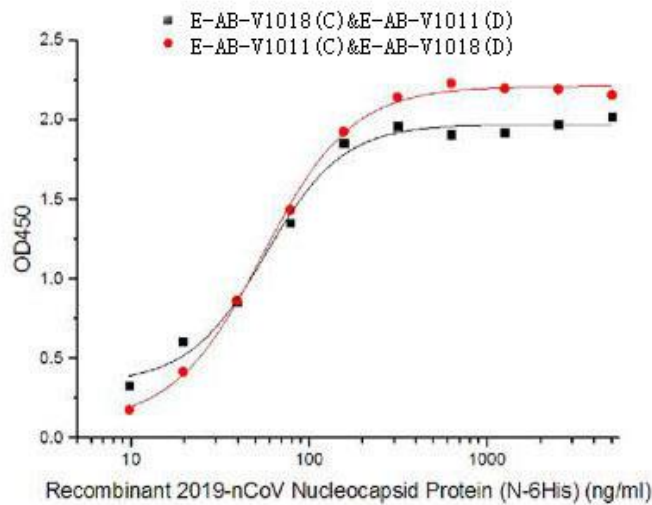
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Images



Immobilized 2019-nCoV Nucleocapsid Protein (Cat#PKSR030485) at 5.0 μ g/ml (100 μ L/well) can bind 2019-nCoV NP Antibody (4A9)(Cat#E-AB-V1018) , the EC50 for this effect is 29.8ng/ml.

Pair Recommendations



Capture Antibody	Detection Antibody	ED50
E-AB-V1011[6G9]	E-AB-V1018[4A6]	53.8ng/mL
E-AB-V1018[4A6]	E-AB-V1011[6G9]	57.0ng/mL

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