

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

E-AB-V1012

Application	ELISA	Host	Mouse / Human
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Clone No.	4A6

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

Product Details

Immunogen	Recombinant 2019-nCoV Nucleocapsid Protein
Isotype	IgG1
Host	Mouse / Human
Clone No.	4A6
Reactivity	SARS-COV2
Dilution	ELISA: 1:5,000-1:10,000
Storage Buffer	20mM PB, 150mM NaCl, pH 7.4
Stability & Storage	Ships on ice packs. Store at -20°C
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 2019-nCoV Nucleocapsid Protein. The antibody was

Antigen Infomation

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.

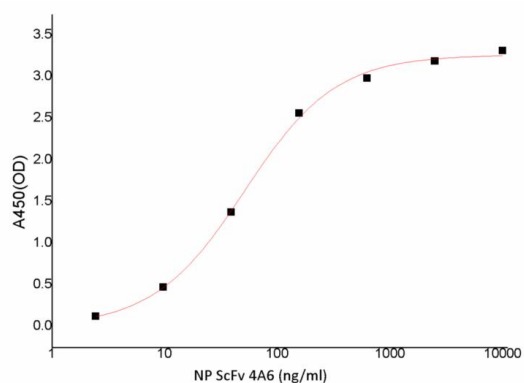
For Research Use Only

Thank you for your recent purchase.
If you would like to learn more about antibodies,please visit www.elabscience.com.

Focus on your research Service for life science

Applications:Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation

Images



Immobilized 2019-nCoV Nucleocapsid Protein at 5.0 ug/mL (100 uL/well) can bind Recombinant anti-SARS-CoV2-NP ScFv (4A6), the EC50 is less than 51.29 ng/mL.

For Research Use Only

Thank you for your recent purchase.

If you would like to learn more about antibodies, please visit www.elabscience.com.

**Focus on your research
Service for life science**

Applications: Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFCM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation