

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

E-AB-V1013

Application	WB,ELISA	Host	Mouse
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Clone No.	M05

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

Product Details

Immunogen	Recombinant 2019-nCoV Nucleoprotein / NP Protein
Isotype	IgG1
Host	Mouse
Clone No.	M05
Reactivity	SARS-COV2
Dilution	WB: 1:1,000-1:5,000 ELISA: 1:5,000-1:10,000
Storage Buffer	0.2 µm filtered solution in PBS
Stability & Storage	Ships on ice packs. Store at -20°C
Description	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified Recombinant 2019-nCoV Nucleoprotein / NP Protein. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

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.

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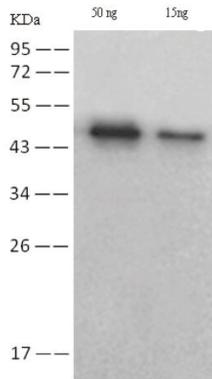
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Applications: Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFM: Intracellular Staining for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

Images



Western Blot analysis of SARS-CoV2-NP protein using SARS-COV/SARS-COV-2 NP Monoclonal Antibody(2019-nCoV) at dilution of 1:1000

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