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

Catalog Number: E-AB-V1014



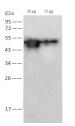
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	SARS-COV2
Immunogen	Recombinant 2019-nCoV Nucleoprotein / NP Protein
Host	Rabbit
Isotype	IgG
Clone	R001
Conjugation	Unconjugated
Formulation	0.2 µm filtered solution in PBS
Applications	Recommended Dilution
WB	1:1000-1:5000

ELISA:1:5000-1:1000

0

Data



Western Blot analysis of SARS-CoV2-NP protein using SARS-COV/SARS-COV-2 NP Monoclonal Antibody(2019-nCoV) at dilution of 1:2000

Preparation & Storage

Storage

Store at -20°C. Avoid freeze / thaw cycles.

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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