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

catalog number: **E-AB-V1014**

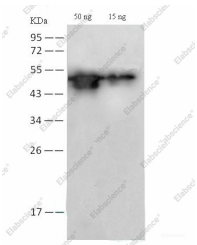
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	SARS-COV2
Immunogen	Recombinant 2019-nCoV Nucleoprotein / NP Protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	R001
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
WB	1:1000-1:5000

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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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