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

Catalog Number:E-AB-V1013

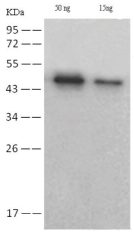
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	SARS-COV2
Immunogen	Recombinant 2019-nCoV Nucleoprotein / NP Protein
Host	Mouse
Isotype	IgG1
Clone	M05
Conjugation	Unconjugated
Formulation	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:1000-1:5000_x000D_
ELISA:1:5000-1:10000	

Data



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

Preparation & Storage

Storage	Store at -20℃. 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.