# 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

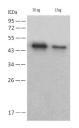
### **Applications** Recommended Dilution

**WB** 1:1000-1:5000\_x000D\_

ELISA:1:5000-1:1000

0

#### Data



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

## **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.

# For Research Use Only

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