

# MERS-CoV Nucleoprotein Rabbit mAb

Catalog No.: A21179 **Recombinant**

## Basic Information

### Observed MW

47kDa

### Calculated MW

45kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

MERS-CoV

### CloneNo number

ARC52592

## Background

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.

## Recommended Dilutions

WB 1:1000 - 1:5000

## Immunogen Information

### Gene ID

14254601

### Swiss Prot

K9N4V7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-413 of coronavirus Nucleoprotein (YP\_009047211.1).

### Synonyms

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

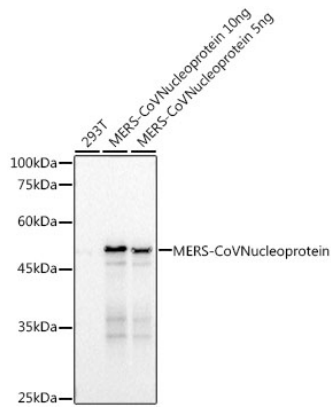
### Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates, using MERS-CoVNucleoprotein antibody (A21179) at 1:3000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.