

A21179

Leader in Biomolecular Solutions for Life Science



# MERS-CoV Nucleoprotein Rabbit mAb

Catalog No.: A21179

Recombinant

## Basic Information

### Observed MW

47kDa (Recombinant Protein)

### Calculated MW

45kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB, ELISA

### 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

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**  
14254601

**Swiss Prot**  
K9N4V7

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

**Source**  
Rabbit

**Isotype**  
IgG

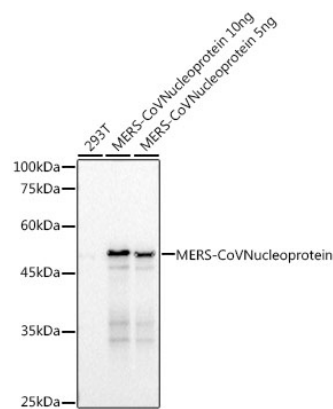
**Purification**  
Affinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using MERS-CoV Nucleoprotein Rabbit mAb (A21179) at 1:3000 dilution.  
Secondary antibody: HRP-conjugated 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.