Leader in Biomolecular Solutions for Life Science

MERS-CoV Nucleoprotein Rabbit mAb

Catalog No.: A21179 **Recombinant**

Basic Information

Observed MW
47kDa

Calculated MW
45kDa

Category
Primary 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 - 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 fusion protein containing a sequence corresponding to amino acids 1-413 of coronavirus Nucleoprotein (YP_009047211.1).

Synonyms

Contact

Product Information

Source
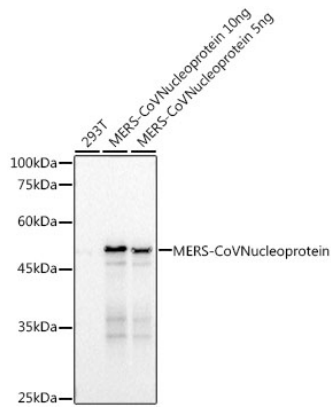Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

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.