

Anti-SARS-CoV-2 NP Antibody [Clone 109-5]

Catalog Number LDG0084YA

Package 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

Mouse anti-SARS-CoV & CoV-2 NP mAb recognize SARS Coronavirus Nucleocapsid protein (NP). Coronavirus NP localize to the cytoplasm and the nucleolus in both Virus-like particle (VLP) infected primary cells and in cells transfected with NP plasmid. NP has abundant expression in coronavirus and is a highly immunogenic phosphoprotein. NP is also conserved in sequence. Due to these characteristics above, the NP is an ideal marker for diagnosis.

Product Note

Recommended dilution factor:

ELISA: 1:5000-20000

WB:1: 1000-5000

IFA:1: 500-1000

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Host

Mouse

Isotype

IgG1

Clonality

Monoclonal

Clone Name

clone 109-5

Immunogen

Nucleocapsid protein (NP)

Application

ELISA, WB, IFA

Concentration

1 mg/mL

Specificity

Nucleocapsid protein

Reactivity

SARS-CoV & CoV-2

Conjugation

Unconjugated

Buffer

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

Form

Liquid

Instruction**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

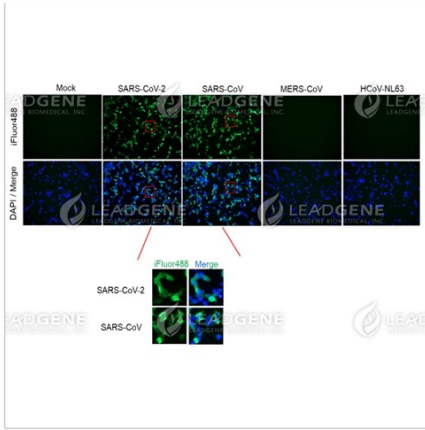
- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

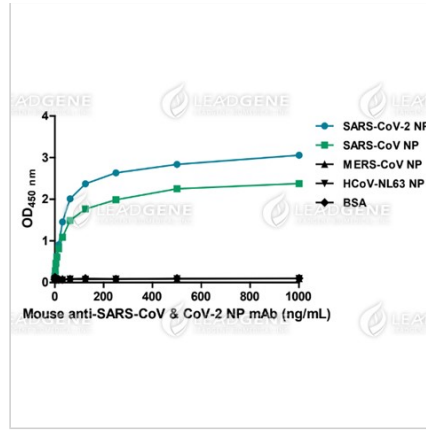
Suggestion: Divide antibody into several vials.

Keep only vials for usage at 2-8°C.

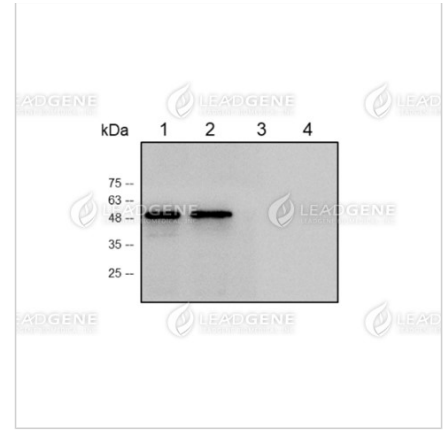
Image



Immunofluorescence analysis of Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 109-5 (1:500)



ELISA titration of Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 109-5



Western blotting analysis of Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 109-5 (1:1000)
Lane 1 : SARS-CoV-2 NP
Lane 2 : SARS-CoV NP
Lane 3 : MERS-CoV NP
Lane 4 : HCoV-NL63 NP

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