

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

Clonality

Monoclonal

Isotype

IgG1

Clone Name

clone 109-5

Immunogen

Nucleocapsid protein (NP)

Reactivity

SARS-CoV & CoV-2

Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

Innovation & Research Center

+886-2-27065528

CLD Center

+886-6-2536677

Application

ELISA, WB, IFA

Conjugation

Unconjugated

Concentration

1 mg/mL

Buffer

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

Specificity

Nucleocapsid protein

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

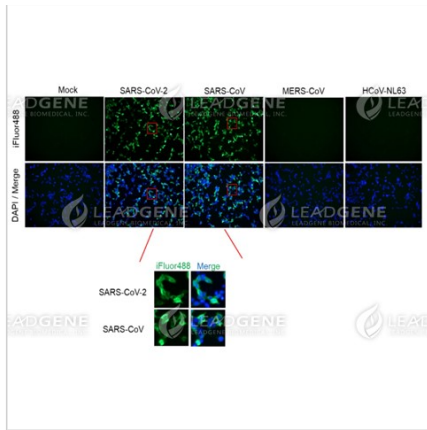
This product is stable after storage at:

- 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.

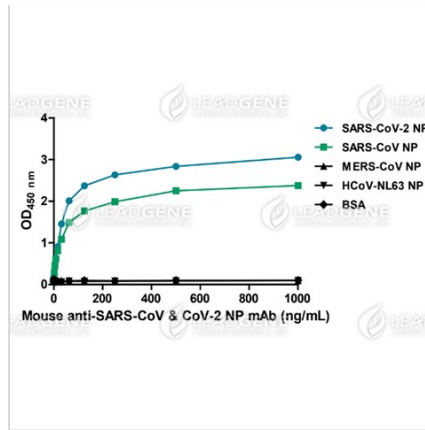
Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

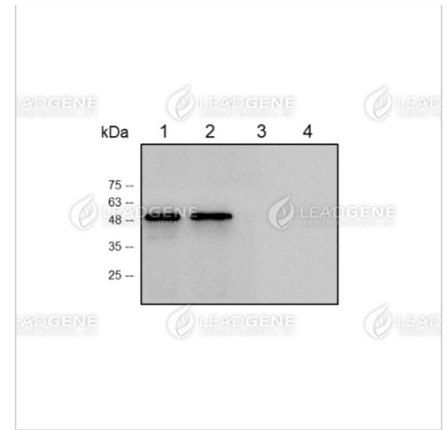
Image**Tainan Headquarter** +886-6-2536677 bd@leadgene.com.tw**Innovation & Research Center** +886-2-27065528**CLD Center** +886-6-2536677



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

Disclaimer : For Research Use or Further Manufacturing Only.