

Anti-SARS-CoV-2 NP Antibody [Clone 88]

Catalog Number	LDG0096YA
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 88

Immunogen

Nucleocapsid protein (NP)

Reactivity

SARS-CoV & CoV-2

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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

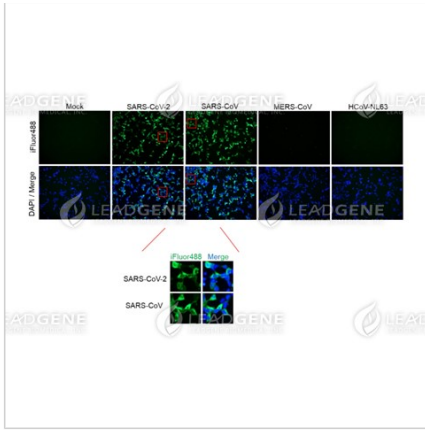
This product is stable after storage at:

- 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.

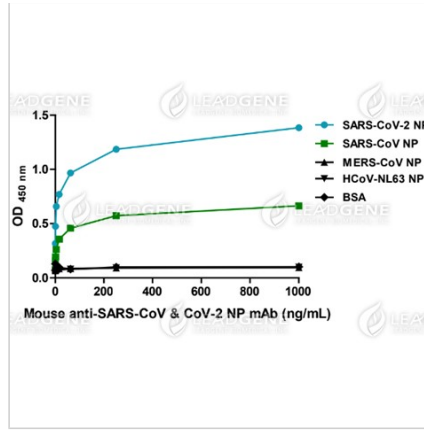
Avoid repeated freeze/thaw cycles.

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

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Immunofluorescence analysis of
Mouse anti-SARS-CoV & CoV-2 NP
mAb, clone 88 (1:500)



ELISA titration of Mouse anti-SARS-
CoV & CoV-2 NP mAb, clone 88

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