Anti-SARS-CoV-2 NP Antibody [Clone 102-7]

Catalog Number	LDG0083YA
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 antibody 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 102-7

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

Immunogen

Nucleocapsid protein (NP)

Reactivity

SARS-CoV & CoV-2

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.

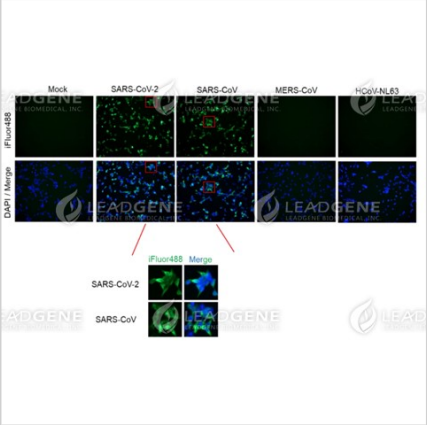
Avoid repeated freeze/thaw cycles.
Suggestion: Divide antibody into several vials.
Keep only vials for usage at 2-8°C.

Image

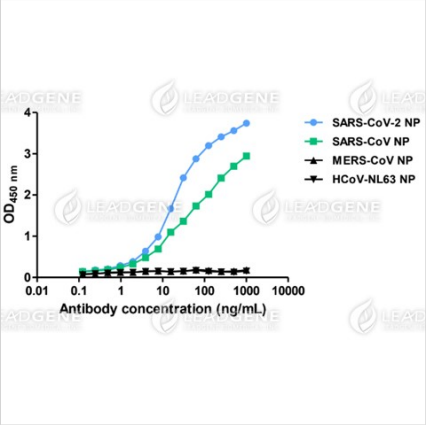
Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

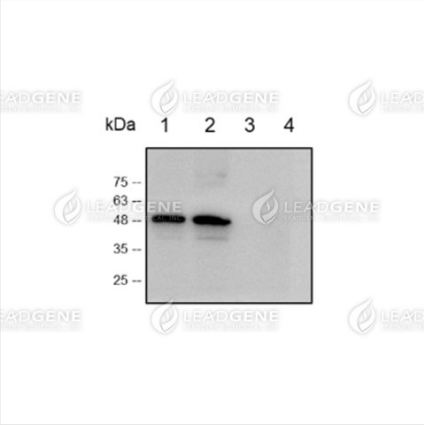
CLD Center
+886-6-2536677



Immunofluorescence analysis of Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 102-7 (1:500)



ELISA titration of Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 102-7



Western blotting analysis of Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 102-7 (1:1000)

Disclaimer : For Research Use or Further Manufacturing Only.

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677