Anti-SARS-CoV-2 NP Antibody [Clone 74-2]

Catalog Number	LDG0158YA
Package	100 µg / Customized package

For full product information, images and publications, please visit our website.

Overview

Description

Anti-SARS-CoV-2 NP Antibody [Clone 74-2] 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

Recognize SARS-CoV & CoV-2 NP in Lateral Flow, when monoclonal antibody was paired with Human anti-SARS-CoV & CoV-2 NP Antibody (IgG) (cat. LDG0076YA).
Recognize SARS-CoV & CoV-2 NP in ELISA, when monoclonal antibody was paired with Mouse anti-SARS-CoV & CoV-2 NP mAb, clone 109-5 (cat. LDG0084YA).

Recommended dilution factor:
ELISA: 1:5000-20000

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

Specifications

Host	**Clonality**
Mouse	Monoclonal
Isotype	**Clone Name**
IgG1	clone 74-2
Immunogen	**Reactivity**
Recombinant SARS-CoV-2 nucleocapsid protein	SARS-CoV-2

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Application

ELISA, CLIA, 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

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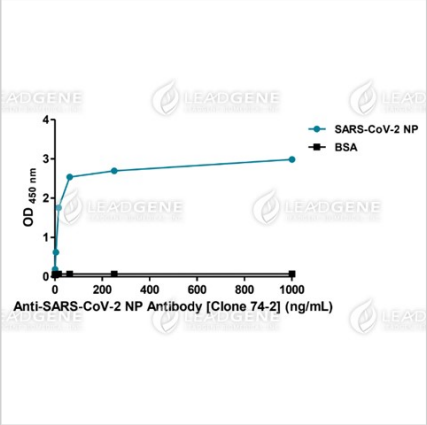

ELISA titration of Anti-SARS-CoV-2 NP Antibody [Clone 74-2]

Disclaimer : For Research Use or Further Manufacturing Only.

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