

## 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

Mouse

#### Clonality

Monoclonal

#### Isotype

IgG1

#### Clone Name

clone 74-2

**Immunogen**

Recombinant SARS-CoV-2 nucleocapsid protein

**Application**

ELISA, CLIA, IFA

**Concentration**

1 mg/mL

**Specificity**

Nucleocapsid protein

**Reactivity**

SARS-CoV-2

**Conjugation**

Unconjugated

**Storage 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:

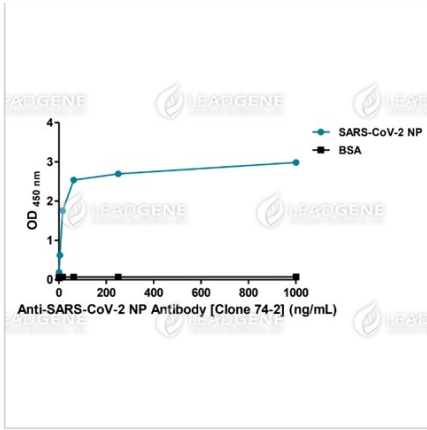
- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials.

Keep only vials for usage at 2-8°C.

**Image**



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

**Disclaimer :** For Research Use or Further Manufacturing Only.