

# Anti-CoV Nucleoprotein antibody



Catalog Number: 100696

## Product name

Anti-CoV Nucleoprotein antibody

## Immunogen

[MERS-CoV CoV Nucleoprotein \(His Tag\)](#)

## Specificity

The antibody reacts with MERS-CoV (NCoV / Novel coronavirus) Nucleocapsid protein (NP protein).

## Antibody description

Mouse monoclonal to CoV Nucleoprotein

## Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant MERS-CoV (NCoV / Novel coronavirus) Nucleoprotein / NP (AFS88943.1; Met 1-Asp413). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS with 5% trehalose

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of

receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

## Ig Type

Mouse IgG1

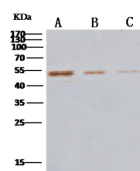
## Applications

ELISA, WB, IHC, IF, IP

## Dilutions

WB: 0.5-1 µg/mL

## Validations



|                           | Lanes   |   |   |
|---------------------------|---|---|---|
| Items                     | A   | B | C |
| Sample (Protein)          | Spike Protein S2 (ss 726-1296, Cat. 40070-V08B) |   |   |
| Sample Volume (µg/lane)   | 20  | 5 | 2 |
| Gel                       | 13% SDS-PAGE reducing gel                       |   |   |
| Recommended Concentration | 0.5-1 µg/ml                                     |   |   |
| Secondary Antibody        | Rabbit anti Mouse IgG F(ab)2/HRP, 1.0 µg/ml     |   |   |

MERS-CoV (HCoV-EMC/2012) Nucleocapsid Antibody, Mouse MAb, Western blot