

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

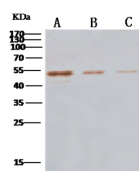
Applications

ELISA, WB, IHC, IF, IP

Dilutions

WB: 0.5-1 µg/mL

Validations



Lanes		A	B	C
Items				
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