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Datasheet for ABIN6961046

## anti-SARS-CoV-2 Nucleocapsid antibody

### 1 Image

#### Overview

Quantity:	100 µg
Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Nucleocapsid antibody is un-conjugated
Application:	ELISA

#### Product Details

Immunogen:	Recombinant SARS-CoV-2 Nucleocapsid (Met1-Ala419) (ABIN6961146) produced by using E. coli
Clone:	DM22
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

#### Target Details

Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Alternative Name:	SARS-CoV-2 Nucleocapsid ( <a href="#">SARS-CoV-2 N Products</a> )
Target Type:	Viral Protein
Background:	Coronavirus contain most of nucleocapsid protein. Coronavirus nucleoproteins (N proteins)

## Target Details

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localize to the cytoplasm and the nucleolus, a subnuclear structure, in both virus-infected primary cells and in cells transfected with plasmids that express N protein. The nucleolus is the site of ribosome biogenesis and sequesters cell cycle regulatory complexes. Two of the major components of the nucleolus are fibrillarin and nucleolin. These proteins are involved in nucleolar assembly and ribosome biogenesis and act as chaperones for the import of proteins into the nucleolus. Regarding of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is a tool for diagnostic

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Molecular Weight: 45 kDa

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Gene ID: 43740575

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UniProt: [P0DTC9](#)

## Application Details

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Application Notes: ELISA 1/5000-1/10000

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: 50 % Glycerol, PBS, pH 7.4, 0.1 % BSA, 0.1 % Procline 300

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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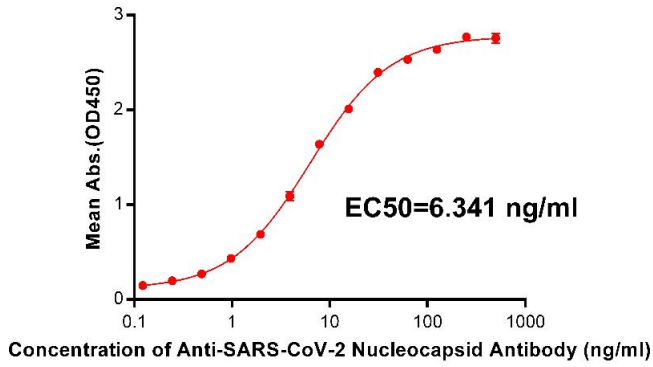
Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

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Expiry Date: 12 months

**Anti-SARS-CoV-2 Nucleocapsid Antibody Elisa**

0.2 µg of SARS-CoV-2 Nucleocapsid protein, His Tag per well



**ELISA**

**Image 1.** Elisa plate pre-coated by 2 µg/mL(100 µL/well) SARS-CoV-2 Nucleocapsid protein, His Tag(Cat.No.ABIN6961146) can bind Rabbit Anti-SARS-CoV-2 Nucleocapsid monoclonal antibody(clone:DM22) in a linear range of 0.24-62.5 ng/mL.