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Datasheet for ABIN7091670

## anti-SARS-CoV-2 Nucleocapsid antibody (AA 1-419)

### Overview

Quantity:	100 µL
Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Binding Specificity:	AA 1-419
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Nucleocapsid antibody is un-conjugated
Application:	ELISA, Lateral Flow (LF)

### Product Details

Immunogen:	Recombinant SARS-CoV-2 Nucleocapsid Protein (full length)
Clone:	9D2
Isotype:	IgG1
Cross-Reactivity:	SARS CoV-2 Omicron, SARS Coronavirus-2 (SARS-CoV-2)
Purification:	Purified by Protein A.

### Target Details

Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Alternative Name:	SARS-CoV-2 Nucleocapsid protein ( <a href="#">SARS-CoV-2 N Products</a> )
Target Type:	Viral Protein

## Target Details

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**Background:** Optional[synonyms]: Nucleocapsid protein is a most abundant protein of coronavirus. During virion assembly, N protein binds to viral RNA and leads to formation of the helical nucleocapsid. Nucleocapsid protein is a highly immunogenic phosphoprotein also implicated in viral genome replication and in modulating cell signaling pathways. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

**Gene ID:** 43740575

**UniProt:** [P0DTC9](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000

**Restrictions:** For Research Use only

## Handling

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**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M PBS( pH 7.4) with 0.02 % Proclin300.

**Preservative:** ProClin

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

**Storage:** -20 °C

**Storage Comment:** Store at -20°C for 12 months.

**Expiry Date:** 12 months