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Datasheet for ABIN7091671

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

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 conjugated to Biotin
Application:	ELISA

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 (SARS-CoV-2 N Products)
Target Type:	Viral Protein

Target Details

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

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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