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Datasheet for ABIN6952491

anti-SARS-Coronavirus Nucleocapsid Protein (SARS-CoV N) antibody

Overview

Quantity:	50 µg
Target:	SARS-Coronavirus Nucleocapsid Protein (SARS-CoV N)
Reactivity:	Coronavirus (CoV)
Host:	Human
Clonality:	Polyclonal

Product Details

Isotype:	IgG1
Characteristics:	Antibody recognizes 2019-nCoV Nucleocapsid Protein

Target Details

Target:	SARS-Coronavirus Nucleocapsid Protein (SARS-CoV N)
Alternative Name:	Coronavirus Nucleocapsid Protein (SARS-CoV N Products)
Target Type:	Viral Protein

Background: Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

Application Details

Restrictions: For Research Use only

Handling

Concentration: 5 mg/mL

Buffer: PBS, pH 7.4, 0.09 % sodium azide (Sodium azide)

Storage: 4 °C, -20 °C

Storage Comment: 24 months from manufacturing at -20°C, 1 month, 2 to 8°C under sterile conditions.