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12-9012B: Biotinylated Anti-SARS-CoV-2 Nucleocapsid antibody(DM22); Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM22
Application :	ELISA
Reactivity :	SARS-CoV-2
Gene :	Nucleocapsid
Uniprot ID :	P0DTC9
Alternative Name :	SARS-CoV-2 Nucleocapsid
Isotype :	IgG

Description

Coronavirus contain most of nucleocapsid protein. Coronavirus nucleoproteins (N proteins) 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.

Product Info

Amount :	10 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	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.

Application Note

ELISA 1:5000-10000

For Research Use Only. Not for use in diagnostic/therapeutics procedures.