

## Anti-SARS-CoV-2 Nucleocapsid antibody, Rabbit mAb

Catalog No: #29627



Package Size: #29627-1 10ug #29627-2 100ug

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## Description

Product Name	Anti-SARS-CoV-2 Nucleocapsid antibody, Rabbit mAb
Host Species	Rabbit
Clone No.	DM22
Isotype	Rabbit IgG
Purification	Purified from cell culture supernatant by affinity chromatography
Applications	ELISA
Species Reactivity	SARS-CoV-2
Immunogen Description	Recombinant SARS-CoV-2 Nucleocapsid (Met1-Ala 419) produced by using E. coli
Other Names	SARS-CoV-2 Nucleocapsid
Calculated MW	45kDa
Formulation	Preservative: 0.1% Procline 300 Constituents: 50% Glycerol; PBS, pH 7.4; 0.1% BSA
Storage	Store at -20°C for 15 months (Avoid repeated freezing and thawing)

## Application Details

ELISA 1/5000-10000

## Product Description

Format: Liquid

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.