Cat. No. DME100015P



PRODUCT INFORMATION

Clone ID DM22

Target Nucleocapsid

Synonyms SARS-CoV-2 Nucleocapsid

Host Species Rabbit

PE-conjugated Anti-SARS-CoV-2 Nucleocapsid Description

antibody(DM22); Rabbit mAb

Delivery Under Development

Uniprot ID P0DTC9 Rabbit IgG IgG type Clonality Monoclonal Reactivity SARS-CoV-2 **Applications** Flow Cyt

Recommended

Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Formulation & Reconstitution

Background

DIMA Disclaimer

Liquid

□PBS with 0.05% Proclin300, 1% BSA

Storage & Shipping Store at 2°C-8°C for 6 months

> 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.

Research use only **Usage**

Conjugate PE-conjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.





