Cat. No. DME100036B



PRODUCT INFORMATION

Clone ID **DM37**

Target Nucleocapsid

Synonyms SARS-CoV-2 Nucleocapsid

Host Species Rabbit

Biotinylated Anti-SARS-CoV-2 Nucleocapsid antibody(DM37); Rabbit mAb Description

Delivery 2-3 weeks **Uniprot ID** P0DTC9 IgG type Rabbit IgG Clonality Monoclonal Reactivity SARS-CoV-2

Applications ELISA

Recommended **Dilutions**

Background

ELISA 1:5000-10000

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

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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.

Usage Research use only

Conjugate Biotinylated

> 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

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actively scrutinizing all patent application to ensure no IP infringement.

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