Datasheet for ABIN7608356

# anti-SARS-CoV-2 Nucleocapsid antibody (Biotin)

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## Overview

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| Quantity: | 10 µg |
| Target: | SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N) |
| Reactivity: | SARS Coronavirus-2 (SARS-CoV-2) |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This SARS-CoV-2 Nucleocapsid antibody is conjugated to Biotin |
| Application: | ELISA |

## Product Details

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| Purpose: | Biotinylated Anti-SARS-CoV-2 Nucleocapsid antibody(DM23), Rabbit mAb |
| Clone: | DM23 |
| Isotype: | IgG |
| Purification: | Purified from cell culture supernatant by affinity chromatography |

## Target Details

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| Target: | SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N) |
| Alternative Name: | SARS-CoV-2 N (SARS-CoV-2 N Products) |
| 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 |

## Target Details

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| | 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. |
| UniProt: | P0DTC9 |

## Application Details

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| Application Notes: | ELISA 1:5000-10000 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Lyophilized |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | 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. |
| Expiry Date: | 12 months |