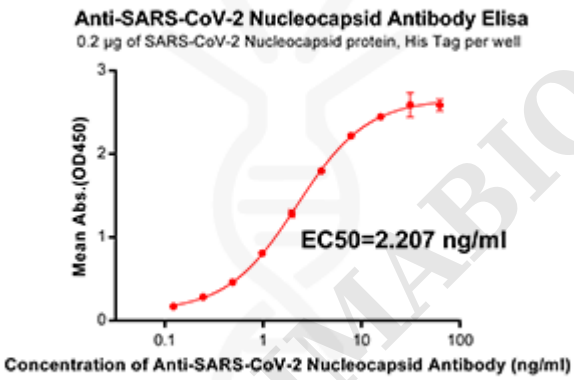
PRODUCT INFORMATION

Clone ID	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** DM37
Target	Nucleocapsid
Synonyms	SARS-CoV-2 Nucleocapsid
Host Species	Rabbit
Description	Anti-SARS-CoV-2 Nucleocapsid antibody(DM37); Rabbit mAb
Delivery	In Stock
Uniprot ID	P0DTC9
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	SARS-CoV-2
Applications	ELISA
Recommended Dilutions	ELISA 1:5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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&Shipping	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.
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.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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 scr



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Figure 1. Elisa plate pre-coated by 2 μg/ml(100μl/well) SARS-CoV-2 Nucleocapsid protein, His Tag(Cat.No.[getskuurl sku="PME100459"]) can bind Rabbit Anti-SARS-CoV-2 Nucleocapsid monoclonal antibody(**clone:DM37**) in a linear range of 0.12-15.63 ng/ml.

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