

## 29-1007: SARS-CoV-2 Nucleocapsid Antibody (Clone: 3C6)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3C6
<b>Application :</b>	ELISA, WB
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Anti-coronavirus NP Antibody; Anti-coronavirus Nucleocapsid Antibody; Anti-coronavirus Nucleoprotein Antibody; Anti-cov np Antibody; Anti-ncov NP Antibody; Anti-NCP-CoV Nucleocapsid Antibody; Anti-novel coronavirus NP Antibody; Anti-novel coronavirus Nucleocapsid Antibody; Anti-novel coronavirus Nucleoprotein Antibody; Anti-np Antibody; Anti-nucleocapsid Antibody; Anti-COVID-19 Nucleoprotein Antibody
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Covid19 nucleocapsid recombinant protein.

### Description

Coronaviruses are enveloped viruses with a positive-sense RNA genome and with a nucleocapsid of helical symmetry. Coronavirus nucleoproteins 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. Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. During virion assembly, N protein binds to viral RNA and leads to formation of the helical nucleocapsid. Nucleocapsid protein is a highly immunogenic phosphoprotein also implicated in viral genome replication and in modulating cell signaling pathways. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Protein A
<b>Content :</b>	PBS, pH 7.5
<b>Storage condition :</b>	2-8°C for 6 months, -20°C for 12 months (Avoid Repeated freeze / thaw cycles.)

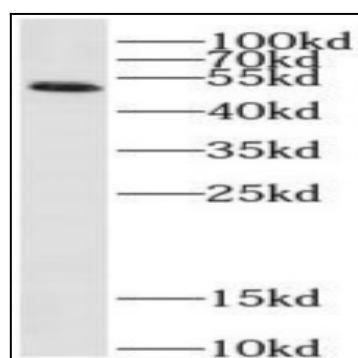


Fig.1: Western Blot analysis: 2019 nCoV N protein were subjected to SDS PAGE followed by western blot with Clone 3C6 (anti- 2019 nCoV N protein Monoclonal antibody) at dilution of 1µg/ml.