

Anti-N Antibody (80339)

Product Details

Ig Type:	Mouse scFv fusion with human IgG1 Fc
Reactivity:	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Conjugation:	Unconjugated
Clone:	80339
Purification:	Affinity-chromatography

Applications

Verified Activity:	<ol style="list-style-type: none">1. The Binding Activity of SARS-CoV-2-N Antibody with SARS-CoV-2-N Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-N at 2 µg/ml can bind SARS-CoV-2-N Antibody, the EC50 is 2.928 ng/ml.2. In the Colloidal Gold Immunochromatography Assay detection system, the background of antibody (TMAH-00801) is clean, the detection limit can be as low as 15.625ng/ml (1.09ng/0.07ml), and the sensitivity is very good.
Application:	ELISA, GICA
Recommended	ELISA:1:10000-1:50000; GICA:1:500-1:5000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Novel Coronavirus NucleoProtein (N) (1-419aa)
Antigen Species:	Human Novel Coronavirus (SARS-CoV-2/ 2019-nCoV)
Uniprot ID:	P0DTC9
Synonyms:	Nucleocapsid;NP;NC
Biology Area:	Microbiology

Research Background

Packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. May modulate transforming growth factor-beta signaling by binding host smad3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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