

SARS-CoV-2 Nucleocapsid Protein Antibody (Biotin)

Catalogue No.: abx243135

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Nucleocapsid Protein Antibody is a chimaeric recombinant antibody conjugated to Biotin for the detection of SARS-CoV-2/COVID-19 NP. This antibody is expressed in HEK293 cells and contains Mouse scFv and C-terminal Human IgG1 Fc tag.

The SARS-CoV-2 Nucleoprotein (also known as Nucleocapsid Protein or N Protein) is a protein that binds to the RNA in the viral particle. Changes to two amino acids in the nucleoprotein are thought to contribute to the virus' ability to infect humans; this mutation allows the virus to reduce the binding capability of an HLA-C allele found in many Europeans. The nucleoprotein is the second most-common protein in SARS-CoV-2 targeted by the immune system, after the spike protein.

Target:	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Nucleocapsid Protein
Clonality:	Monoclonal
Reactivity:	Virus
Origin:	Human
Expression:	Recombinant
Tested Applications:	ELISA
Host:	Human, Mouse
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Biotin
Immunogen:	abx600062 - Recombinant SARS-CoV-2 Nucleoprotein (1-419 AA) expressed in Mammalian cells
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P0DTC9 (UniProt , ExPASy)
GeneID:	43740575

Datasheet

Version: 4.0.0

Revision date: 13 May 2025



Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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