

SARS-CoV-2 Nucleoprotein Antibody

Catalogue No.: abx243131

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Nucleoprotein Antibody is a chimeric recombinant antibody expressed in HEK293 cells for the detection of SARS-CoV-2/COVID-19 NP. This antibody contains Mouse variable regions and Human IgG1 Kappa constant regions.

The SARS-CoV-2 Nucleoprotein (also known as Nucleoprotein 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:	SARS-CoV-2 Nucleoprotein
Research Area:	Infection Immunity, Microbiology
Clonality:	Monoclonal
Reactivity:	Virus
Origin:	Human
Expression:	Recombinant
Tested Applications:	ELISA
Host:	Human, Mouse
Recommended dilutions:	ELISA: 1/10000 - 1/50000, LF (GICA): 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	abx600062 - Recombinant SARS-CoV-2 Nucleoprotein (1-419 AA) expressed in E. coli
Isotype:	IgG ₁ Kappa
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)

Datasheet

Version: 6.0.0

Revision date: 25 Oct 2025



GeneID: [43740575](#)

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.

For Reference Only