

SARS-CoV-2 Nucleocapsid Protein Antibody

Catalogue No.: abx376530

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Nucleocapsid Protein (NP) Antibody is a Mouse Monoclonal Antibody for the detection of SARS-CoV-2/COVID-19 NP.

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:	SARS-CoV-2 Nucleocapsid Protein
Research Area:	Infection Immunity
Clonality:	Monoclonal
Reactivity:	Virus
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	ELISA: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant SARS-CoV-2 Nucleocapsid protein (Met1-Ala419)
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Buffer:	PBS, pH 7.4, containing 0.05% Proclin-300 and 50% glycerol.
Specificity:	Recognizes SARS-CoV-2 Nucleocapsid protein
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.