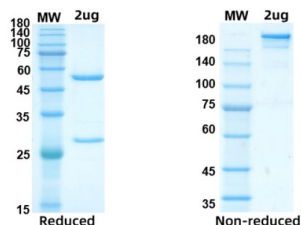


SARS-CoV-2 Nucleocapsid Protein Antibody

Catalogue No.: abx376481



Reduced and non-reduced SDS-PAGE analysis of SARS-CoV-2/COVID-19 Nucleocapsid Protein Antibody, with Coomassie blue staining.

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Nucleocapsid Protein (NP) Antibody is a chimaeric recombinant Monoclonal Antibody expressed in CHO cells against SARS-CoV-2/COVID-19 NP, containing Mouse variable region and Human IgG1 constant region.

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, WB
Host:	Human, Mouse
Recommended dilutions:	ELISA: 1/5000 - 1/10,000, WB: 1/1000 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant SARS-CoV-2 Nucleocapsid Protein
Isotype:	IgG ₁
Form:	Liquid

Datasheet

Version: 4.0.0

Revision date: 16 Jun 2024



Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Tag:	Fc tag
Buffer:	PBS, pH 7.5.
Concentration:	2.13 mg/ml
Note:	This product is for research use only.

For Reference Only