

Datasheet for ABIN7269048

anti-SARS-CoV-2 Nucleocapsid antibody

3 Images



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Overview

Quantity:	100 µL
Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	SARS-CoV-2 N Protein Mouse mAb
Immunogen:	Recombinant fusion protein of SARS-CoV-2 Nucleoprotein.
Isotype:	IgG
Cross-Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N)
Alternative Name:	SARS-CoV-2 Nucleocapsid (SARS-CoV-2 N Products)
Target Type:	Influenza Protein
Background:	Packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP and plays

Target Details

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.,Nucleoprotein, NP,Nucleoprotein

Gene ID: 1489678

UniProt: [P59595](#)

Application Details

Application Notes: WB,1:1000 - 1:5000,ELISA,1:30000 - 1:120000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

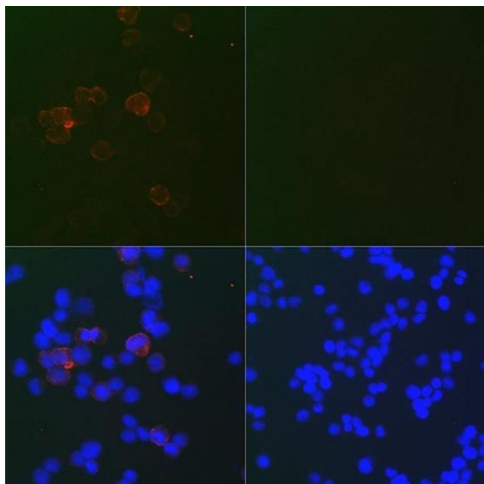
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

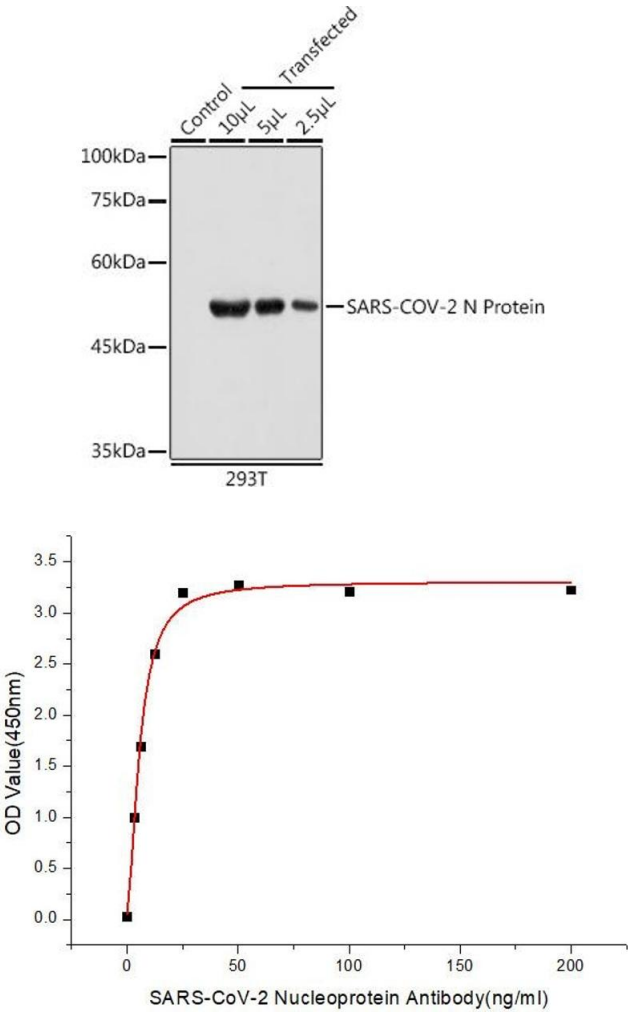
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of 293T-N and 293T cells using SARS-CoV-2 Nucleoprotein antibody (ABIN7269048) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of normal 293T cells 293T transfected with N Protein, using SARS-COV-2 N Protein antibody (ABIN7269048) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (ABIN1684260 and ABIN3020588) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

Image 3. Immobilized Recombinant 2019-nCoV Nucleocapsid Protein (RP01264LQ) at 1 µg/mL (100µL/well) can bind SARS-CoV-2 Nucleoprotein Rabbit mAb (ABIN7269048) with a linear range of 3.12-200 ng/mL.