

## SARS-CoV-2 (COVID-19) nsp1 antibody

Cat. No. GTX135612

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P (cell pellet)
Reactivity	SARS Coronavirus 2

Reference ( 4 )

Package

100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P (cell pellet)	Assay dependent

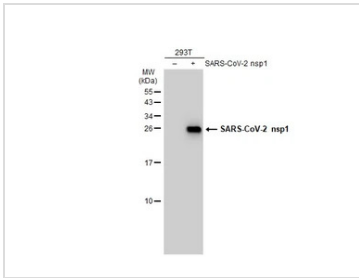
Not tested in other applications.

## PROPERTIES

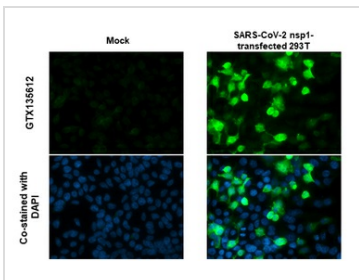
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of SARS-CoV-2 (COVID-19) nsp1 (Strain:Wuhan-Hu-1). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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**DATA IMAGES**

**GTx135612 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 nsp1 antibody (GTx135612) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

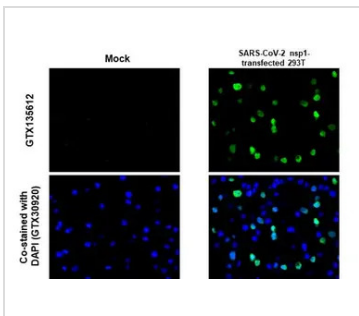

**GTx135612 ICC/IF Image**

SARS-CoV-2 (COVID-19) nsp1 antibody detects SARS-CoV-2 (COVID-19) nsp1 protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SARS-CoV-2 (COVID-19) nsp1 stained by SARS-CoV-2 (COVID-19) nsp1 antibody (GTx135612) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).


**GTx135612 IHC-P (cell pellet) Image**

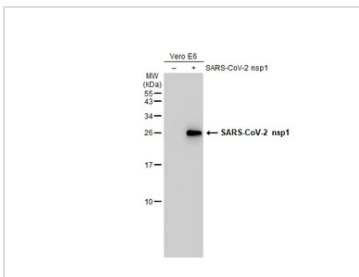
SARS-CoV-2 (COVID-19) nsp1 antibody detects SARS-CoV-2 (COVID-19) nsp1 protein at cytoplasm by immunohistochemical analysis.

Sample: Mock and SARS-CoV-2 (COVID-19) nsp1 transfected 293T cell FFPE Cell Pellet Block

Green: SARS-CoV-2 (COVID-19) nsp1 stained by SARS-CoV-2 (COVID-19) nsp1 antibody (GTx135612) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx135612 WB Image**

Non-transfected (–) and transfected (+) Vero E6 whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with SARS-CoV-2 (COVID-19) nsp1 antibody (GTx135612) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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