

## SARS-CoV-2 (COVID-19) ORF8 antibody

**Cat. No. GTX135591**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, ELISA, IHC-P (cell pellet)
<b>Reactivity</b>	SARS Coronavirus 2

References ( 9 )

Package

100 µl, 25 µl

## Applications

**Application Note**

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

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

Not tested in other applications.

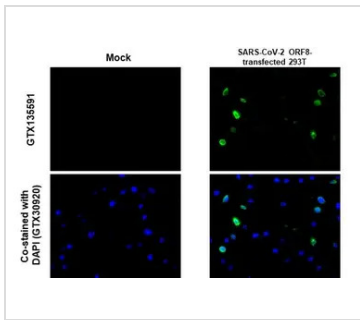
## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of SARS-CoV-2 (COVID-19) ORF8 (Strain:Wuhan-Hu-1). The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated
<b>Note</b>	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



**GTX135591 IHC-P (cell pellet) Image**

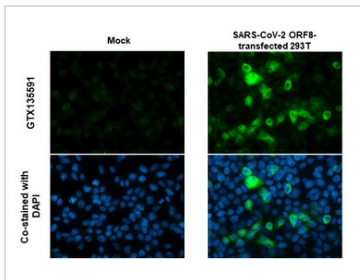
SARS-CoV-2 (COVID-19) ORF8 antibody detects SARS-CoV-2 (COVID-19) ORF8 protein at cytoplasm by immunohistochemical analysis.

Sample: Mock and SARS-CoV-2 (COVID-19) ORF8 transfected 293T cell FFPE Cell Pellet Block

Green: SARS-CoV-2 (COVID-19) ORF8 stained by SARS-CoV-2 (COVID-19) ORF8 antibody (GTX135591) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



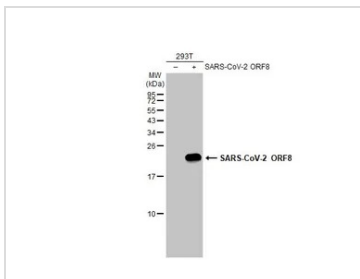
**GTX135591 ICC/IF Image**

SARS-CoV-2 (COVID-19) ORF8 antibody detects SARS-CoV-2 (COVID-19) ORF8 protein by immunofluorescent analysis.

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

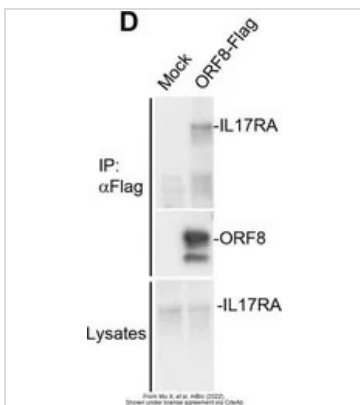
Green: SARS-CoV-2 (COVID-19) ORF8 stained by SARS-CoV-2 (COVID-19) ORF8 antibody (GTX135591) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



**GTX135591 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 (COVID-19) ORF8 antibody (GTX135591) diluted at 1:15000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX135591 WB Image**

The data was published in the 2022 in mBio. [PMID: 35343786](https://pubmed.ncbi.nlm.nih.gov/35343786/)



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