

SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9]

Cat. No. GTX632602

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF
Reactivity	SARS Coronavirus, SARS Coronavirus 2

Reference (7)

★★★★★ Review (1)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW 15 kDa. The observed M.W. is based on the following publication. PMID: 15220404

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	The immunogen used to generate this antibody corresponds to SARS-CoV ORF7a protein (16-111 a.a.).
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

Note

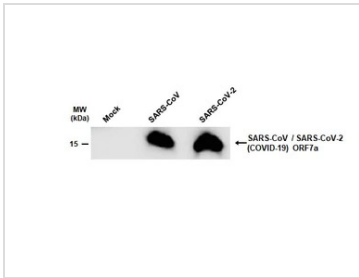
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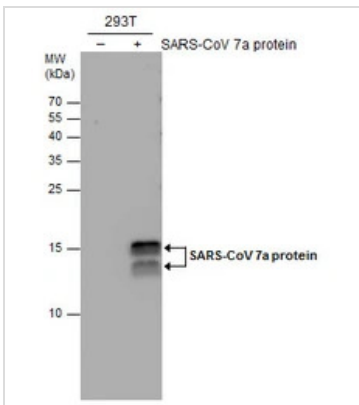
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DATA IMAGES



GTx632602 WB Image

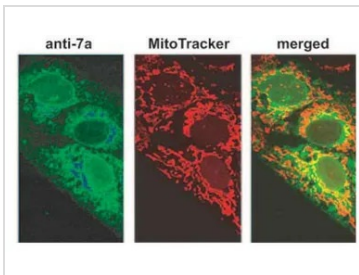
Non-infected (–) and infected (+, 48h p.i. MOI 0.01) Caco2 whole cell extracts were separated by SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] (GTx632602) diluted at 1:1000.



GTx632602 WB Image

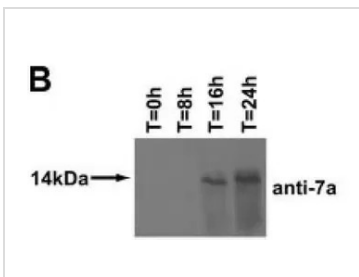
SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] detects SARS-CoV ORF7a protein by western blot analysis. Non-transfected (–) and SARS-CoV ORF7a-transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] (GTx632602) diluted at 1:1000.

The observed M.W. is based on the publication: [PMID: 15220404](https://pubmed.ncbi.nlm.nih.gov/15220404/)



GTx632602 ICC/IF Image

ICC/IF analysis of Vero E6 cells expressing ORF7a using GTx632602 SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9].



GTx632602 WB Image

WB analysis of SARS-CoV-infected Vero E6 cells harvested at different time points postinfection using GTx632602 SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9].



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