

# Product Datasheet

## SARS-CoV-2 ORF7a Antibody (3C9) NBP3-13521

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-13521****SARS-CoV-2 ORF7a Antibody (3C9)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3C9
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	43740573
<b>Gene Symbol</b>	ORF7a
<b>Species</b>	SARS-CoV, SARS-CoV-2
<b>Immunogen</b>	The immunogen used to generate this antibody corresponds to SARS-CoV ORF7a protein (16-111 a.a.).
<b>Notes</b>	Centrifuge briefly prior to opening.

**Product Application Details**

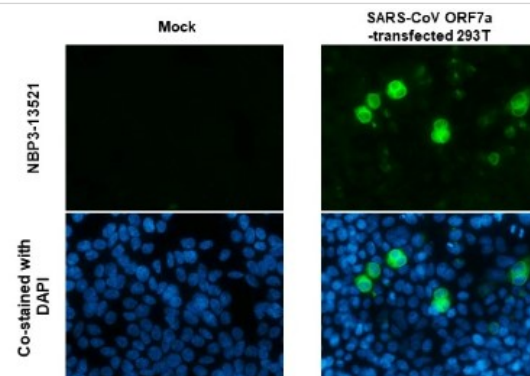
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/Immunofluorescence

**Images**

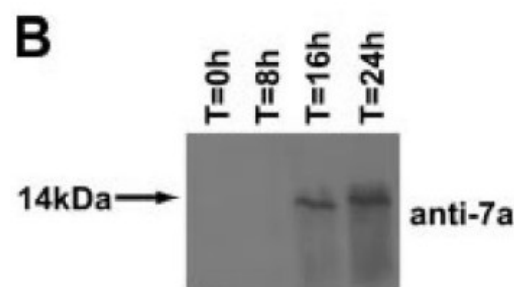
Western Blot: SARS-CoV-2 ORF7a Antibody (3C9) [NBP3-13521] - Non-infected (-) and infected (+, 48h pi MOI 0.01) Caco2 whole cell extracts were separated by SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] (NBP3-13521) diluted at 1:1000.



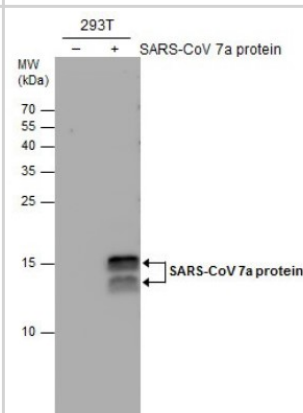
Immunocytochemistry/Immunofluorescence: SARS-CoV-2 ORF7a Antibody (3C9) [NBP3-13521] - SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] detects SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a stained by SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] (NBP3-13521) diluted at 1:200. Blue: Fluoroshield with DAPI.



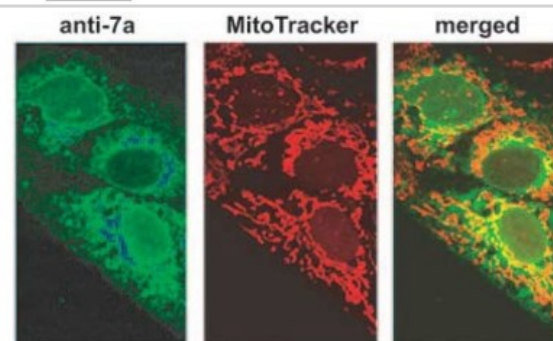
Western Blot: SARS-CoV-2 ORF7a Antibody (3C9) [NBP3-13521] - WB analysis of SARS-CoV-infected Vero E6 cells harvested at different time points postinfection using NBP3-13521 SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9].



Western Blot: SARS-CoV-2 ORF7a Antibody (3C9) [NBP3-13521] - 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 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] (NBP3-13521) diluted at 1:1000.



Immunocytochemistry/Immunofluorescence: SARS-CoV-2 ORF7a Antibody (3C9) [NBP3-13521] - ICC/IF analysis of Vero E6 cells expressing ORF7a using NBP3-13521 SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9].





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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