

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

Cat. No. GTX632602

Host	Mouse
Clonality	Monoclonal
Isotype	lgG1
Applications	WB, ICC/IF
Reactivity	SARS Coronavirus, SARS Coronavirus 2



Applications

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 tosted in other applications	

Not tested in other applications.

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

Properties		
Form	Liquid	
Buffer	PBS	
Preservative	No preservatives	
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	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.	

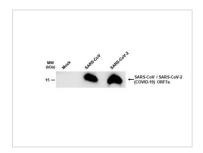


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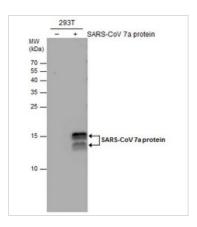


DATA IMAGES



GTX632602 WB Image

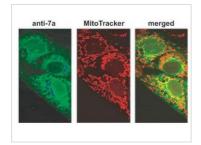
Non-infected (–) and infected (+, 48h pl MOI 0.01) Caco2 whole cell extracts were separated by SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] (GTX632602) diluted at 1:1000.



GTX632602 WB Image

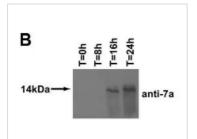
SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] detects SARS-CoV ORF7a protein by western blot analysis. Non-transfected (-) and SARS-CoV ORF7a-transfected (+) 293T whole cell extracts (30 μ g) were separated by 15% SDS-PAGE, and the membrane was blotted with SARS-CoV / SARS-CoV-2 (COVID-19) ORF7a antibody [3C9] (GTX632602) diluted at 1:1000.

The observed M.W. is based on the publication: PMID: 15220404



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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