SARS-CoV Spike (SΔ3) antibody [7G12]

Cat. No. GTX632603

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, IP
Reactivity	SARS Coronavirus

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IP	Assay dependent

Not tested in other applications.

Product Note	This antibody detects SARS-CoV spike protein (S1 subunit), and may have minor cross-reactivity with SARS-CoV-2 spike protein based on data from an external lab. Our internal testing indicates no cross-reactivity with MERS-CoV spike protein.

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 4ºC. For long-term storage, aliquot and store at -20ºC 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 SΔ3 (within S1 domain) protein (168-461 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.

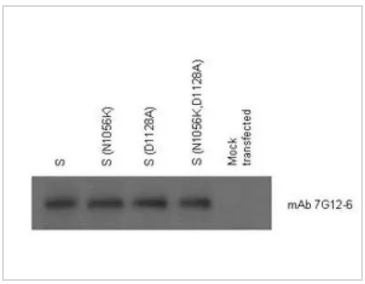
For full product information, images and publications, please visit our website.

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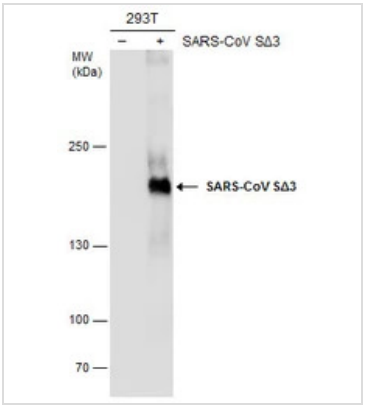
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DATA IMAGES



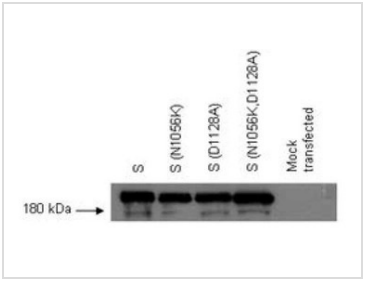
GTX632603 WB IP Image

WB/IP analysis of 293T cells transfected with expression plasmid for wild-type S and mutated forms of S (S(N1056K), S(D1128A), S(N1056K, D1128A)) using GTX632603 SARS-CoV SΔ3 antibody [7G12].



GTX632603 WB Image

SARS-CoV SΔ3 antibody detects SARS-CoV SΔ3 protein by western blot analysis. Non-transfected (-) and SARS-CoV SΔ3-transfected (+) 293T whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with SARS-CoV SΔ3 antibody (GTX632603) diluted at 1:1000.



GTX632603 WB Image

WB analysis of 293T cells transfected with expression plasmid for wild-type S and mutated forms of S (S(N1056K), S(D1128A), S(N1056K, D1128A)) using GTX632603 SARS-CoV SΔ3 antibody [7G12].

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