

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 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 SΔ3 (within S1 domain) protein (168-461 a.a.).
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

Note

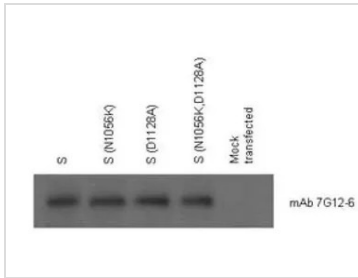
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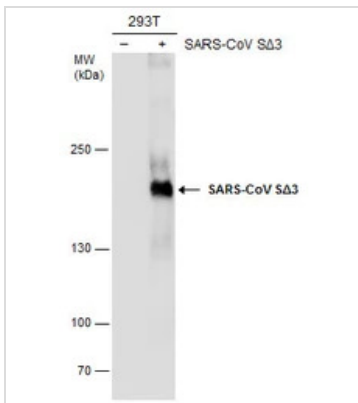
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DATA IMAGES



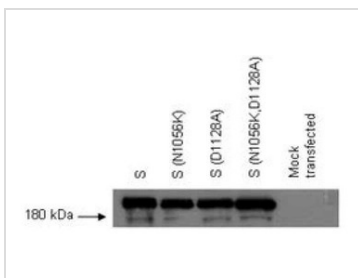
GTX632603 WB IP Image

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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