

## Anti-SARS-CoV-2 Spike S1 antibody (STJ11101793)

STJ11101793

### GENERAL INFORMATION

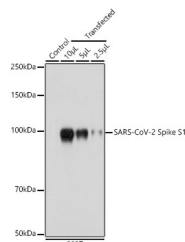
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-SARS-CoV-2 Spike S1 is suitable for use in Western Blot, Immunofluorescence and Immunoprecipitation.
<b>Applications</b>	WB, IF, IP
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	SARS-CoV-2

### PRODUCT PROPERTIES

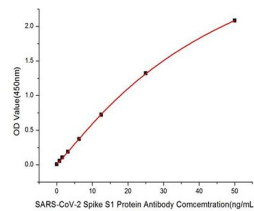
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	ELISA 1:20000-1:80000 WB 1:500-1:2000 IF 1:50-1:200 IP 1:50-1:200
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

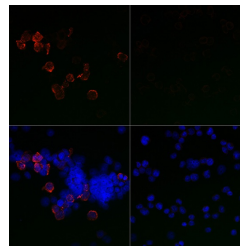
<b>Gene ID</b>	
<b>Gene Symbol</b>	
<b>Uniprot ID</b>	
<b>Immunogen</b>	Recombinant fusion protein of SARS-CoV-2 Spike S1.
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



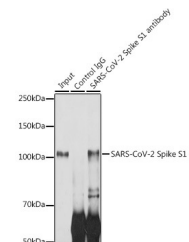
Western blot analysis of extracts of 293T cells, using SARS-CoV-2 Spike S1 antibody (STJ11101793) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immobilized Recombinant SARS-CoV-2 Spike S1 Protein (FP01262LQ) at 1 µg/mL (100 µg L/well) can bind SARS-CoV-2 Spike S1 rabbit polyclonal antibody (STJ11101793) with a linear range of 0.78-50ng/mL.



Immunofluorescence analysis of 293T cells transfected with SARS-CoV-2 Spike S1 fusion protein (top left) and untreated 293T cells (top right) use SARS-CoV-2 Spike S1 rabbit polyclonal antibody (STJ11101793) at dilution of 1:400 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300ug extracts of 293T cells using 3ug SARS-CoV-2 Spike S1 antibody (STJ11101793). Western blot was performed from the immunoprecipitate using SARS-CoV-2 Spike S1 antibody (STJ11101793) at a dilution of 1:1000.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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