

Anti-SARS-CoV-2 Spike S1 antibody (11-682) (STJ11101793)

STJ11101793

GENERAL INFORMATION

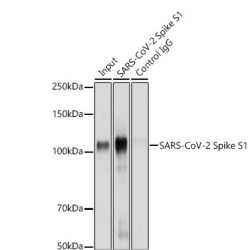
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/SARS-CoV-2

PRODUCT PROPERTIES

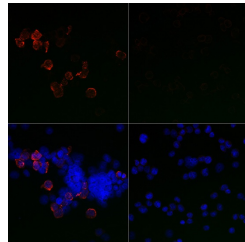
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:100-1:500 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:1:20000-1:80000
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

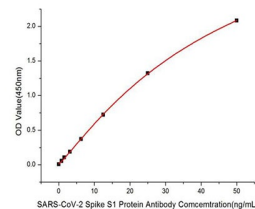
Gene ID	
Gene Symbol	
Uniprot ID	
Immunogen	
Immunogen Region	11-682
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 11-682 of coronavirus Spike S1 (YP_009724390.1).
Immunogen Sequence	VSSQCYNLTTRTQLPPAYTN SFTRGVYYPDKVFRSSVLHS TODLFLPFFSNVTWFHAIHV SGTNGTKRFDNPVLPFNDGV YFASTEKSNIRGWIFGTTL DSKTQSLIVNNATNVVIVK CEFCQCNDFPLGVVYHKNNK SWMESEFRVYSSANNCTFEY VSQFLMDLEGKQGNFKNLR EFVKKNIDGYFKIYSKHTPI NLVRDL PQGFSALEPLVDLP IGINITRFQTLALHRSYL



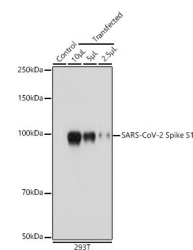
Immunoprecipitation analysis of 300 Mu g extracts of 293T cells using 3 Mu g SARS-CoV-2 Spike S1 antibody (STJ11101793). Western blot was performed from the immunoprecipitate using SARS-CoV-2 Spike S1 antibody (STJ11101793) at a dilution of 1:10000.



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). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immobilized Recombinant SARS-COV-2 Spike S1 Protein (RP01262LQ) at 1 Mu g/mL (100 Mu L/well) can bind SARS-CoV-2 Spike S1 Rabbit polyclonal antibody (STJ11101793) with a linear range of 0.78-50ng/mL.



Western blot analysis of lysates from 293T cells, using SARS-CoV-2 Spike S1 Rabbit polyclonal antibody (STJ11101793) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

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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