

Anti-SARS-CoV-2-Spike S2 ECD antibody (686-1214) (STJ11103173)

STJ11103173

GENERAL INFORMATION

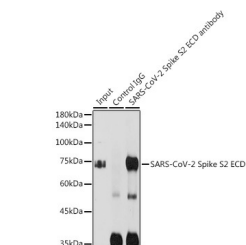
Product Type	Primary antibodies
Short Description	
Applications	WB/DB/IF/ICC/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/SARS-CoV-2

PRODUCT PROPERTIES

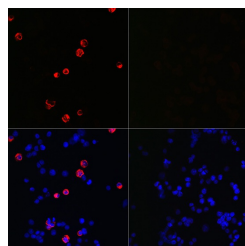
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:2000-1:6000
Range	DB:1:500-1:2000 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

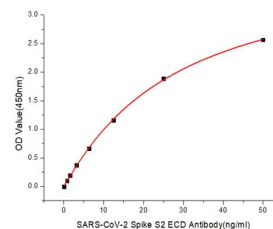
Gene ID	
Gene Symbol	
Uniprot ID	
Immunogen	
Immunogen Region	686-1214
Specificity	A synthetic peptide corresponding to a sequence within amino acids 686-1214 of coronavirus Spike S2 ECD (YP_009724390.1).
Immunogen Sequence	SVASQSIAYTMSLGAENSV AYSNNSIAIPTNFTISVTTE ILPVSMTKTSVDCTMYICGD STECSNLLQYGSFCTQLNR ALTGIAVEQDKNTQEVFAQV KQIYKTPPIKDFGGFNFSQI LPDPSKPSKRSFIEDLLFNK VTLADAGFIKQYGDCLGDIA ARDLICAQKFNGLTVLPPL TDEMAIQYTSALLAGTITSG WTFGAGAALQIPFAMQMAYR FNGIGVTQNVLYENQKLIA



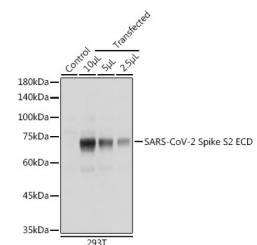
Immunoprecipitation analysis of 300 Mu g extracts of 293T cells using 3 Mu g SARS-CoV-2 Spike S2 ECD antibody (STJ11103173). Western blot was performed from the immunoprecipitate using SARS-CoV-2 Spike S2 ECD antibody (STJ11103173) at a dilution of 1:5000.



Immunofluorescence analysis of 293T cells transfected with SARS-CoV-2 Spike S2 ECD fusion protein (top left) and untreated 293T cells (top right) using SARS-CoV-2 Spike S2 ECD Rabbit polyclonal antibody (STJ11103173) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immobilized Recombinant SARS-COV2 S-ECD-PFS Protein (RP01283LQ) at 1 Mu g/mL (100 Mu L/well) can bind SARS-CoV-2 Spike S2 ECD Rabbit polyclonal antibody (STJ11103173) with a linear range of 3.12-50ng/mL.



Western blot analysis of extracts of normal 293T cells transfected with Spike S2 ECD Protein, using SARS-CoV-2 Spike S2 ECD Rabbit polyclonal antibody (STJ11103173) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJSD00856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced 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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