

Anti-SARS-CoV-2 Nucleoprotein antibody (1-420) (STJ11101492)

STJ11101492

GENERAL INFORMATION

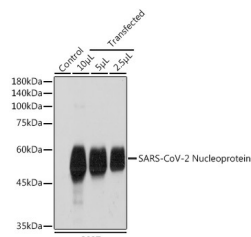
Product Type	Primary antibodies
Short Description	
Applications	WB/DB/IF/ICC/IP/ELISA
Host/Source	Rabbit
Reactivity	SARS-CoV-2

PRODUCT PROPERTIES

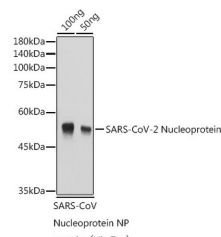
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	DB:1:500-1:2000 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific application.
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

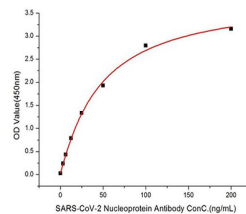
Gene ID	
Gene Symbol	
Uniprot ID	
Immunogen	
Immunogen Region	1-420
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-419 of coronavirus Nucleoprotein (P0DTC9).
Immunogen Sequence	MSDNGPQNQRNAPRITFGGP SDSTGSNQNGERSGARSQR RPQGLPNNTASWFTALTQHG KEDLKFRPGQGVPINTNSSP DDQIGYYRRATRRIRGGDGK MKDLSRWYFYLLGTGPAG LPYGANKDGIWVATEGALN TPKDHIGTRNPANNAIVLQ LPQGTTLPKGFYAEGRGGS QASSRSSRSRNSRNSTPG SSRGTSPARMAGNGGDAALA LLLLDRLNQLESKMSGKGQ



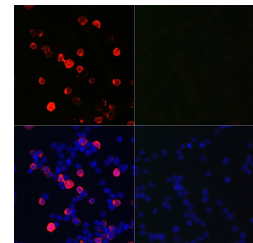
Western blot analysis of normal 293T cells and 293T transfected with Nucleoprotein, using SARS-CoV-2 Nucleoprotein antibody (STJ11101492) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJSD00856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of Recombinant Nucleoprotein of Coronavirus SARS-CoV-2, using SARS-CoV-2 Nucleoprotein antibody (STJ11101492) at 1:1000 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunofluorescence analysis of 293T-N and 293T cells using SARS-CoV-2 Nucleoprotein rabbit polyclonal antibody (STJ11101492) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of 293T-N and 293T cells using SARS-CoV-2 Nucleoprotein rabbit polyclonal antibody (STJ11101492) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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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