

SARS-CoV-2 Spike S2 ECD Antibody

CAB20138

Description

This SARS-CoV-2 Spike S2 ECD Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB20138
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	spike glycoprotein, SARS-CoV-2 Spike S2 ECD
Clone:	-
Applications:	WB IF/ICC IP ELISA DB
Conjugation:	-
Reactivity:	Human, SARS-CoV-2

Antibody Data

Gene ID:	43740568
Uniprot:	AB_2862930
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	75kDa
Calculated MW:	141kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

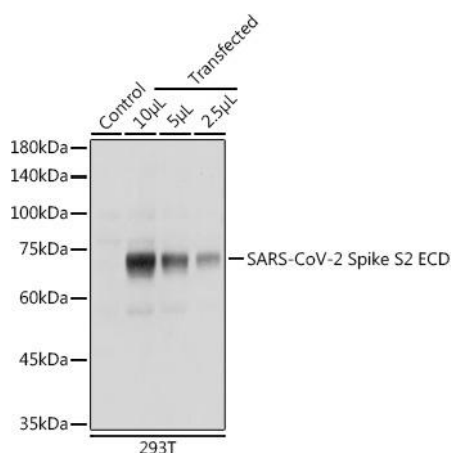
Positive Sample: 293T

Recommended Dilutions:

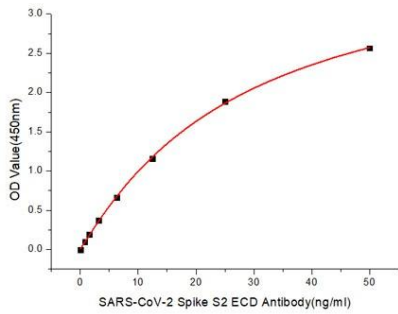
WB	1:2000 - 1:6000
DB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

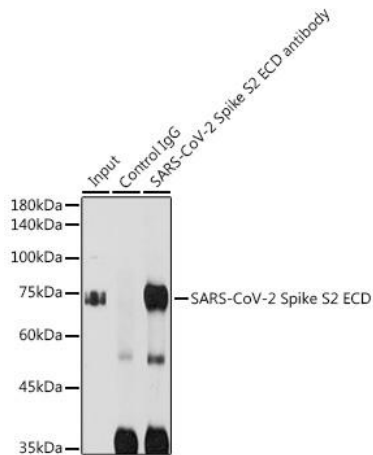
Validation Data



Western blot analysis of extracts of normal 293T cells 293T transfected with Spike ECD Protein, using SARS-CoV-2 Spike ECD Rabbit pAb (CAB20138) at 1:5000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 1s.



Immobilized Recombinant SARS- S-ECD-PFS Protein(RP01283LQ) at 1µg/mL (100µL/well) can bind SARS-CoV-2 Spike ECD Rabbit pAb (CAB20138) with a linear range of 3.12-50ng/mL.



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg SARS-CoV-2 Spike ECD antibody (CAB20138). Western blot was performed from the immunoprecipitate using SARS-CoV-2 Spike ECD antibody (CAB20138) at a dilution of 1:5000.