

SARS-CoV-2 Spike S2 Antibody

CAB20284

Description

This SARS-CoV-2 Spike S2 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: CAB20284

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: spike glycoprotein, SARS-CoV-2 Spike S2

Clone: -

Applications:   

Conjugation: -

Reactivity: SARS-CoV-2

Antibody Data

Gene ID: 43740568

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 36kDa

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.

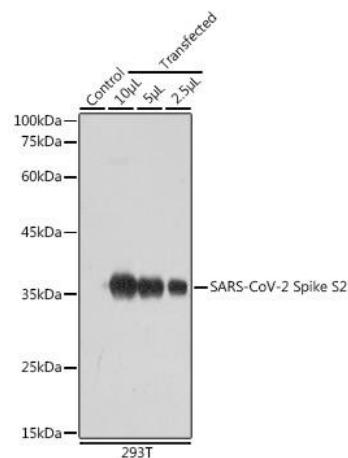
Positive Sample: 293T

Recommended Dilutions:

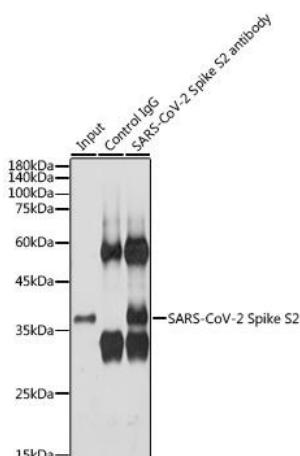
WB	1:500 - 1:1000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 and 293T transfected with Spike Protein, using SARS-CoV-2 Spike Rabbit pAb (CAB20284) at 1:1000 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 Basic Kit (AbGn00020). Exposure time: 5s.



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg SARS-CoV-2 Spike antibody (CAB20284). Western blot was performed from the immunoprecipitate using SARS-CoV-2 Spike antibody (CAB20284) at a dilution of 1:3000.