

## SARS-CoV-2 Spike S2 Antibody

CAB20284

### Description

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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

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<b>SKU:</b>	CAB20284
<b>Contents:</b>	20 $\mu$ L, 100 $\mu$ L Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	spike glycoprotein, SARS-CoV-2 Spike S2
<b>Clone:</b>	-
<b>Applications:</b>	WB IP ELISA
<b>Conjugation:</b>	-
<b>Reactivity:</b>	SARS-CoV-2

### Antibody Data

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<b>Gene ID:</b>	43740568
<b>Uniprot:</b>	-
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	36kDa
<b>Calculated MW:</b>	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.

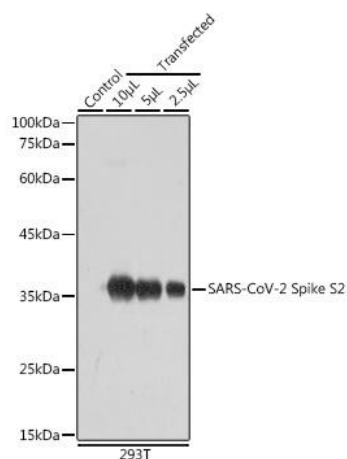
**Positive Sample:** 293T

**Recommended Dilutions:**

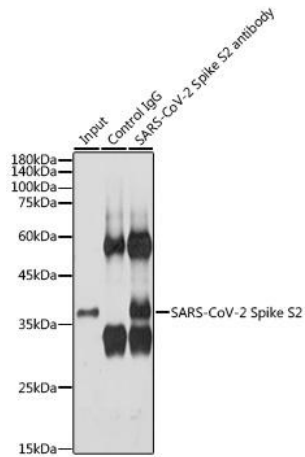
<b>WB</b>	1:500 - 1:1000
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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.