

SARS-CoV Spike RBD Monoclonal Antibody

CAB21181

Description

This SARS-CoV Spike RBD Monoclonal 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: CAB21181
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: E2, SARS-CoV Spike RBD
Clone: ARC52567
Applications: WB ELISA
Conjugation: Unconjugated
Reactivity: SARS-CoV

Antibody Data

Gene ID: 1489668
Uniprot: -
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 182kDa (Full-length protein)
Calculated MW: 139kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, 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.

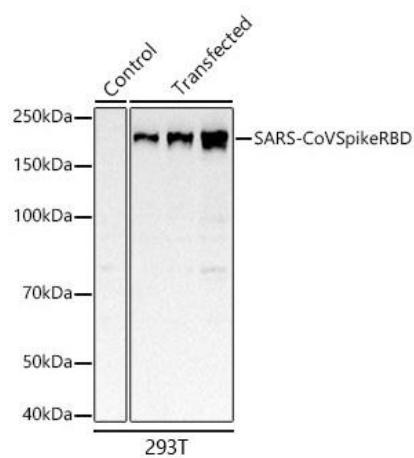
Positive Sample: 293T transfected with SARS-CoV Spike RBD (SARS-CoV)

Recommended Dilutions:

WB	1:1000 - 1:5000
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 lysates from wild type (WT) and 293T cells transfected with SARS-CoV Spike RBD using SARS-CoV Spike RBD Rabbit mAb (CAB21181) at 1:2000 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: 10s.