

MERS-CoV Spike RBD Antibody

CAB20565

Description

This MERS-CoV Spike RBD 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: CAB20565

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: -

Clone: -

Applications: WB IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: MERS-CoV

Antibody Data

Gene ID: 14254594

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 200kDa

Calculated MW: 149kDa

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.

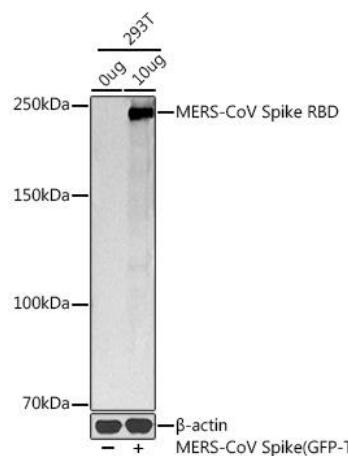
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: 293T

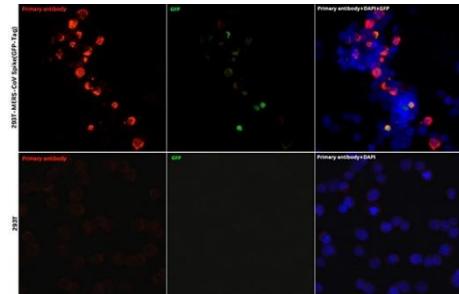
Recommended Dilutions:	WB	1:500 - 1:1000
	IF/ICC	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 various lysates using MERS-CoV Spike RBD Rabbit pAb (CAB20565) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes: 293T, 0ug, 10ug. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunofluorescence analysis of 293T cells transfected with MERS-CoV Spike(GFP-Tag) protein and untreated 293T cells use MERS-CoV Spike RBD Rabbit pAb (CAB20565) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.