

A20565

Leader in Biomolecular Solutions for Life Science



MERS-CoV Spike RBD Rabbit pAb

Catalog No.: A20565

Basic Information

Observed MW

200kDa

Calculated MW

149kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human

Background

It's been reported that Coronavirus can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

14254594

Swiss Prot

K9N5Q8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 18-725 of coronavirus Spike RBD (YP_009047204.1).

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

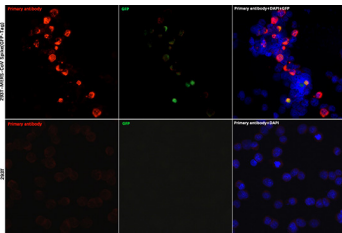
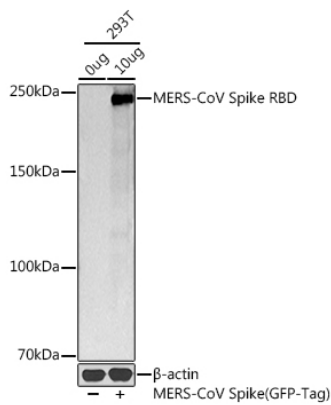
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of 293T cells transfected with MERS-CoV Spike(GFP-Tag) protein and untreated 293T cells use MERS-CoV Spike RBD Rabbit pAb (A20565) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.