

# HCoV-OC43 Spike S1 Rabbit mAb

Catalog No.: A22669 **Recombinant**

## Basic Information

### Observed MW

110kDa

### Calculated MW

150kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC57815

## Background

S1 attaches the virion to the cell membrane by interacting with sialic acid-containing cell receptors, initiating the infection.; [Spike protein S1]: attaches the virion to the cell membrane by interacting with host receptor, initiating the infection.

## Recommended Dilutions

**WB** 1:2000 - 1:9000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

39105218

### Swiss Prot

P36334

### Immunogen

A synthesized peptide derived from HCoV-OC43 Spike S1.

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

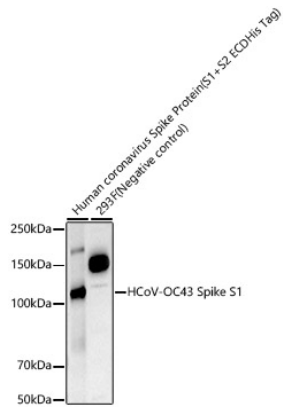
### Storage

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

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

## Validation Data

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Western blot analysis of various lysates, using HCoV-OC43 Spike S1 Rabbit mAb (A22669) at 1:8000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.