

# HCoV-OC43 Spike S2 Rabbit pAb

Catalog No.: A20616

## Basic Information

### Observed MW

75kDa/145kDa

### Calculated MW

150kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

HCoV-OC43

## 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** 1:500 - 1:1000

**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 synthetic peptide corresponding to a sequence within amino acids 782-881 of coronavirus Spike S2 (YP\_009555241.1).

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

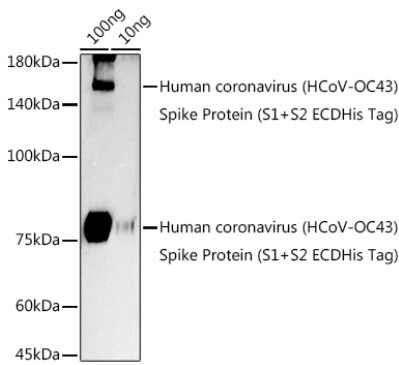
Affinity purification

### Storage

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

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

# Validation Data



Western blot analysis of lysates from Human coronavirus (HCoV-OC43) Spike Protein (S1+S2 ECDHis Tag), using HCoV-OC43 Spike S2 Rabbit pAb (A20616) at 1:1000 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 Enhanced Kit (RM00021).  
Exposure time: 180s.