

A20017

Leader in Biomolecular Solutions for Life Science



# SARS-CoV-2 Spike Rabbit pAb

Catalog No.: A20017

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

### Category

Polyclonal Antibody

### Applications

IF/ICC,IP,FC,ELISA

### Cross-Reactivity

SARS-CoV-2

## Background

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Virus particles include the RNA genetic material and structural proteins needed for invasion of host cells. Once inside the cell the infecting RNA is used to encode structural proteins that make up virus particles, nonstructural proteins that direct virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined.~ The structural proteins of SARS-CoV-2 include the envelope protein (E), spike or surface glycoprotein (S), membrane protein (M) and the nucleocapsid protein (N). The spike glycoprotein is found on the outside of the virus particle and gives coronavirus viruses their crown-like appearance. This glycoprotein mediates attachment of the virus particle and entry into the host cell. S protein is an important target for vaccine development, antibody therapies and diagnostic antigen-based tests.

## Recommended Dilutions

|        |                 |
|--------|-----------------|
| ELISA  | 1:1000 - 1:5000 |
| FC     | 1:50 - 1:200    |
| IF/ICC | 1:50 - 1:200    |
| IP     | 1:50 - 1:200    |

## Immunogen Information

### Gene ID

43740568

### Swiss Prot

### Immunogen

Recombinant fusion protein of SARS-CoV-2 spike.

### Synonyms

spike glycoprotein; SARS-CoV-2 Spike

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at 4°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, pH7.3.