

SARS-CoV-2 Spike Rabbit pAb

Catalog No.: A20017

Basic Information

Observed MW

Refer to figures

Calculated MW**Category**

Primary antibody

Applications

ELISA,FC,IF/ICC,IP

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

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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.