Rabbit anti SARS-CoV2(S) polyclonal antibody

Alternative Name(s): nan

Order Information

- **Description:** SARS-CoV2(S2)
- **Catalogue:** 630-930
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P)
- **Reactivity:** Hu, Ms, Rt,

ANTIGEN PREPARATION

A synthetic peptide derived from Internal sequence of SARS-CoV-2 Spike protein

BACKGROUND

The SARS-CoV-2 virion contains four structural proteins: E (envelope), M (membrane), S (spike), and N (nucleocapsid) proteins. The N protein holds the RNA genome, and the S, E, and M proteins form the viral envelope. Coronavirus S protein is a large, multifunctional class I viral transmembrane protein. It is required for the entry of the virion particles into the cell through a contact with host cellular receptors. The S-protein of coronavirus consists of S1 and S2 functional units. S1 is responsible for host receptor binding, S2 is in charge of fusion.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes SARS-CoV2(S1) spike protein.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

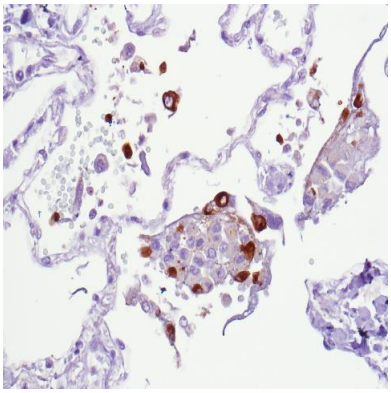
APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 114.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com

DATA ATTACHMENTS



Immunohistochemistry: Human infected lung tissue (FFPE) stained with Rabbit anti-Sars-Cov2 (S2 protein)(Cat# 630-930) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. The infected alveolar macraphage are positive.

REFERENCES

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com