

SARS-CoV-2 Spike S2 ECD polyclonal antibody

Catalog: BS77919

Host: Rabbit

Reactivity: SARS-CoV-2

BackGround:

The spike protein (S) of coronavirus (CoV) attaches the virus to its cellular receptor, angiotensin-converting enzyme 2 (ACE2). A defined receptor-binding domain (RBD) on S mediates this interaction. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

75KDa

Swiss-Prot:

P0DTC2

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

DB, 1:500 - 1:2000 | WB, 1:500 - 1:2000 | FC, 1:50 - 1:200 | IF/ICC, 1:50 - 1:200

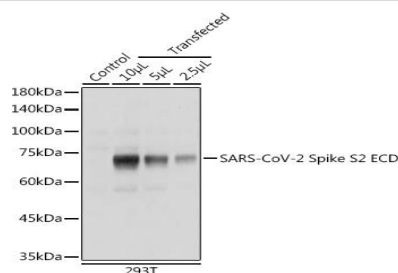
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

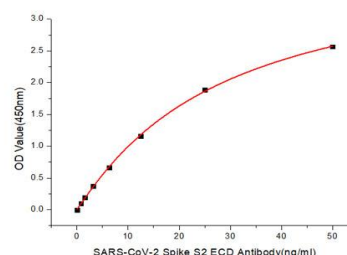
Unmodification

DATA:

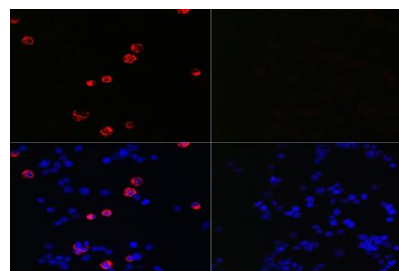


Western blot analysis of extracts of normal 293T cells 293T transfected

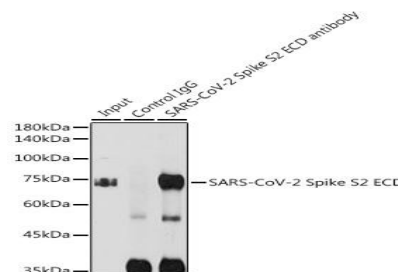
with Spike S2 ECD Protein, using SARS-CoV-2 Spike S2 ECD antibody at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 1s.



Immobilized Recombinant SARS-COV2 S-ECD-PFS Protein at 1 µg/mL can bind SARS-CoV-2 Spike S2 ECD Rabbit pAb with a linear range of 3.12-50 ng/mL.



Immunofluorescence analysis of 293T cells transfected with SARS-CoV-2 Spike S2 ECD fusion protein and untreated 293T cells use SARS-CoV-2 Spike S2 ECD Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300ug extracts of 293T cells using 3ug SARS-CoV-2 Spike S2 ECD antibody. Western blot was performed from the immunoprecipitate using SARS-CoV-2 Spike S2 ECD anti-

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

body at a dilution of 1:5000.

For research use only, not for use in diagnostic procedure.

Note:

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