

SARS-CoV-2 (2019-nCoV) Spike Antibody, Mouse Mab



Sino Biological
Biological Solution Specialist

Catalog Number: 40591-MM42

GENERAL INFORMATION

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|---------------------------|--|
| Immunogen: | 40591-V05H1 |
| Preparation | This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, Recombinant SARS-CoV-2 (2019-nCoV) Spike S1-mFc Protein (Catalog#40591-V05H1; YP_009724390.1; Val16-Arg685). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography. |
| Ig Type: | Mouse IgG1 |
| Clone ID: | 42 |
| Specificity: | SARS-CoV-2 (2019-nCoV) Spike S1 Protein |
| | No cross-reactivity in ELISA with SARS-CoV Spike S1 Protein (Cat# 40150-V08B1) MERS-CoV Spike S1 Protein (Cat# 40069-V08B1) HCoV-HKU1 (isolate N1) Spike S1 Protein (Cat# 40021-V08H) HCoV-HKU1 (isolate N5) Spike S1 Protein (Cat# 40602-V08H) HCoV-NL63 Spike S1 Protein (Cat# 40600-V08H) HCoV-229E Spike S1 Protein (Cat# 40601-V08H) HCoV-OC43 Spike S1+S2 ECD Protein (Cat# 40607-V08B) |
| Formulation: | 0.2 µm filtered solution in PBS |
| Storage: | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Avoid repeated freeze-thaw cycles. |
| Alternative Names: | Spike |

APPLICATIONS

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| Applications: | WB,ELISA,IHC-P |
| | (Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.) |

RECOMMENDED CONCENTRATION

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|---------------------|----------------------|
| Western Blot | WB: 1:2000-1:5000 |
| ELISA | ELISA: 1:1000-1:2000 |
| IHC-P | IHC-P: 1:500-1:2000 |

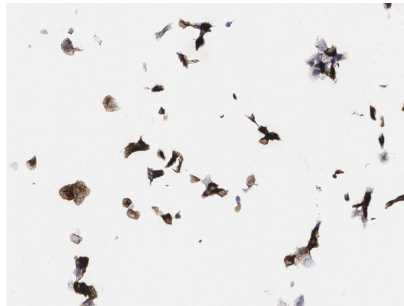
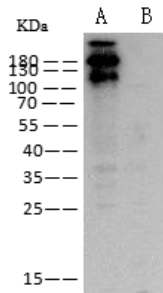
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Anti-SARS-CoV-2 (2019-nCoV) Spike mouse monoclonal antibody at 1:2000 dilution.

Lane A: SARS-COV-2 Spike overexpressed HEK293 Whole Cell Lysate
Lane B: HEK293 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

Immunochemical analysis of SARS-COV-2 Spike overexpressed HEK293 Cells were stained with purified anti-SARS-CoV-2 Spike Mouse Mab, then a HRP-conjugated second step antibody.