

# SARS-CoV-2 Spike Antibody (HRP), Mouse MAb



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Catalog Number: 40591-MM41-H

## GENERAL INFORMATION

|              |                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:   | Recombinant SARS-CoV-2 Spike Protein (Catalog#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 Spike (Catalog#40591-V05H1; YP_009724390.1; Val16-Arg685). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography and conjugated with horseradish-peroxidase (HRP). |
| Ig Type:     | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone ID:    | 41                                                                                                                                                                                                                                                                                                                                                                                          |
| 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. Protected from prolonged exposure to light. Preservative-Free. Avoid repeated freeze-thaw cycles.                                                                                              |

## APPLICATIONS

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

## RECOMMENDED CONCENTRATION

|       |                    |
|-------|--------------------|
| ELISA | ELISA: 0.1-1 µg/mL |
|-------|--------------------|

***Please Note: Optimal concentrations/dilutions should be determined by the end user.***