

## SARS-CoV-2 M Protein Polyclonal Antibody(2019-nCoV)

catalog number: E-AB-V1034

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

|                   |  |
|-------------------|--|
| <b>Reactivity</b> | SARS-COV2  |
| <b>Immunogen</b>  | Recombinant SARS-CoV-2 M protein   |
| <b>Host</b>       | Rabbit   |
| <b>Isotype</b>    | IgG  |
| <b>Buffer</b>     | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications Recommended Dilution

|              |               |
|--------------|---------------|
| <b>ELISA</b> | 1:4000-1:8000 |
|--------------|---------------|

### Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.  |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

Component of the viral envelope that plays a central role in virus morphogenesis and assembly via its interactions with other viral proteins. The M glycoprotein is conserved across the  $\beta$ -coronaviruses. The multiple sequence alignment shows a remarkable similarity (98% identity) among the Sars-CoV-2 M variants and the sequences from Bat and Pangolin isolates. The M protein is predicted to contain a triple-spanning transmembrane (TM) region, a single N-glycosylation site near its N-terminus that is in the exterior of the virion, and a long C-terminal region in the interior.

### For Research Use Only