**GENERAL INFORMATION**

**Immunogen:** Recombinant Human coronavirus spike glycoprotein protein (Catalog#40021-V08H)

**Preparation:** Produced in rabbits immunized with purified, recombinant Human coronavirus spike glycoprotein (Catalog#40021-V08H; YP_173238.1; Met1-Arg760). Human coronavirus spike glycoprotein specific IgG was purified by Human coronavirus spike glycoprotein affinity chromatography.

**Ig Type:** Rabbit IgG

**Specificity:** Human coronavirus spike glycoprotein

**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. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

**APPLICATIONS**

**Applications:** WB, ELISA, IHC-P, IP

(Antibody’s applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

**RECOMMENDED CONCENTRATION**

<table>
<thead>
<tr>
<th>Western Blot</th>
<th>WB: 1:1000-1:5000</th>
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</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>ELISA: 1:5000-1:10000</td>
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<tr>
<td></td>
<td>This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human coronavirus spike glycoprotein.</td>
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</table>

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*
Anti-Human coronavirus spike glycoprotein
Protein (isolate HKU1) (aa 1-760) rabbit polyclonal antibody at 1:1000 dilution
Sample: Human coronavirus spike glycoprotein
Protein (isolate HKU1) (aa 1-760)
Recombinant Protein
Lane A: 30ng

Secondary
Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/1000 dilution.

Performed under reducing conditions.