Product datasheet

Anti-SARS-CoV-2 spike glycoprotein antibody - Coronavirus ab272504

2 Images

Overview

Product name: Anti-SARS-CoV-2 spike glycoprotein antibody - Coronavirus
Description: Rabbit polyclonal to SARS-CoV-2 spike glycoprotein - Coronavirus
Host species: Rabbit
Tested applications: Suitable for: ELISA, WB
Species reactivity: Reacts with: SARS-CoV-2
Immunogen: Synthetic peptide within Human coronavirus SARS-CoV-2 spike glycoprotein (C terminal). The exact sequence is proprietary. 20 amino acid peptide within the last 50 amino acids of the SARS CoV-2 spike glycoprotein
Database link: QHD43416
(Peptide available as ab273063)
Positive control: WB: HEK-293 cells overexpressing SARS-CoV-2 spike glycoprotein, cell lysate.

Properties

Form: Liquid
Storage buffer: Preservative: 0.02% Sodium azide
Constituent: PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab272504 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
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<th>Application</th>
<th>Previews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>ELISA</td>
<td></td>
<td>Use a concentration of 1 µg/ml.</td>
</tr>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 µg/ml. Can be blocked with Human coronavirus SARS-CoV-2 spike glycoprotein peptide (ab273063).</td>
</tr>
</tbody>
</table>

**Images**

**Western blot - Anti-SARS-CoV-2 spike glycoprotein antibody - Coronavirus (ab272504)**

All lanes: Anti-SARS-CoV-2 spike glycoprotein antibody - Coronavirus (ab272504) at 1 µg/ml

Lane 1: Wild-type HEK-293 cell lysate

Lane 2: HEK-293 overexpressing SARS-CoV-2 spike glycoprotein, cell lysate

Secondary

All lanes: Goat anti-rabbit IgG HRP conjugate at 1/1000 dilution

Primary incubation for 1 hour at room temperature.

Blocking and dilution buffer: 5% NFDM/TBST.

**ELISA - Anti-SARS-CoV-2 spike glycoprotein antibody - Coronavirus (ab272504)**

A direct ELISA was performed using antigen or control peptide as coating antigen and ab272504 as the capture antibody at 1 µg/ml, followed by the secondary antibody goat anti-rabbit IgG HRP conjugate at 1/20000 dilution. Detection range was from 0.5 ng/ml to 1000 ng/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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