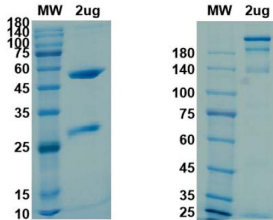
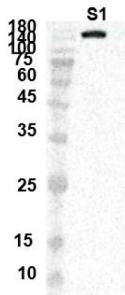


# SARS-CoV-2 Spike Glycoprotein Antibody

Catalogue No.: abx376478



SDS-PAGE (left: reduced; right: non-reduced) analysis of SARS-CoV-2 Spike Glycoprotein Antibody.



WB analysis of cells infected with SARS-CoV-2.

SARS-CoV-2/COVID-19 Spike Glycoprotein Antibody is a chimaeric recombinant Monoclonal antibody expressed in CHO cells against SARS-CoV-2 Spike Glycoprotein, containing Mouse variable region and Human IgG1 Kappa constant region.

The SARS-CoV-2 Spike Protein (S protein) is a viral protein that allows the entry of SARS-CoV-2 into human cells. The protein forms trimers on the viral capsid and binds to human Angiotensin Converting Enzyme 2 (ACE2) located on the cell surface. The protein has a cleavage site between the S1 and S2 subunits that is targeted by the human enzyme Furin, and it may also cause the development of a syncytium (cell fusion). Antibodies to S protein can prevent viral entry as well as target the virus for further immune action.

**Target:** Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Spike Glycoprotein

**Clonality:** Monoclonal

**Reactivity:** Virus

**Origin:** Human

**Expression:** Recombinant

**Tested Applications:** ELISA, WB

**Host:** Human, Mouse

**Recommended dilutions:** ELISA: 1/5000 - 1/10000, WB: 1/1000 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

# Datasheet

Version: 6.0.0  
Revision date: 29 Mar 2025



<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant SARS-CoV-2 S1 protein.
<b>Isotype:</b>	IgG <sub>1</sub> , Kappa
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>Buffer:</b>	PBS, pH 7.5.
<b>Concentration:</b>	2 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only