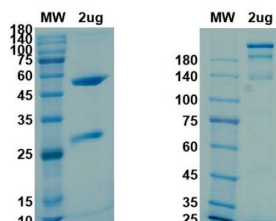
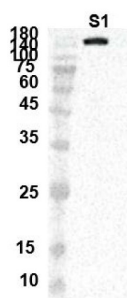


SARS-CoV-2 Spike Glycoprotein Antibody

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: SARS-CoV-2 Spike Glycoprotein

Research Area: Infection Immunity

Clonality: Monoclonal

Reactivity: Virus

Origin: Human

Expression: Recombinant

Tested Applications: ELISA, WB

Host: Human, Mouse

Datasheet

Version: 7.0.0
Revision date: 01 Jul 2025



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

Conjugation: Unconjugated

Immunogen: Recombinant SARS-CoV-2 S1 protein.

Isotype: IgG₁ Kappa

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Buffer: PBS, pH 7.5.

Concentration: 2 mg/ml

Note: 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