

SARS-CoV-2 Spike Glycoprotein Antibody (FITC)

Catalogue No.: abx243128

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Spike Glycoprotein Antibody is a chimaeric recombinant antibody conjugated to FITC for the detection of SARS-CoV-2/COVID-19 S Protein. This antibody is expressed in HEK293 cells and contains Mouse scFv and C-terminal Human IgG1 Fc tag.

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
Host:	Human, Mouse
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	FITC
Immunogen:	Recombinant SARS-CoV-2 S protein (16-685 AA) expressed in Mammalian cells
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P0DTC2 (UniProt , ExPASy)
GeneID:	43740568

Datasheet

Version: 6.0.0

Revision date: 02 May 2025



Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% glycerol.

Concentration: 0.25 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