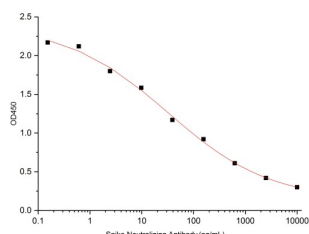


SARS-CoV-2 Spike Neutralizing Antibody

Catalogue No.: abx229980



ELISA blocking of the interaction between recombinant Human ACE2 Protein and recombinant SARS-CoV-2 Spike RBD Protein (IC50: 81.5 ng/ml).

Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2/COVID-19) Spike Neutralizing Antibody is a Mouse monoclonal IgG1 antibody.

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

Research Area: Infection Immunity

Clonality: Monoclonal

Reactivity: Virus

Tested Applications: ELISA

Host: Mouse

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

Conjugation: Unconjugated

Immunogen: Recombinant SARS-CoV-2 S1 Protein (with mFc Tag)

Isotype: IgG₁

Form: Liquid

Purification: Purified by Protein A affinity chromatography. 0.2 µm filtered.

Datasheet

Version: 3.0.0

Revision date: 06 Oct 2025



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

Buffer: PBS.

Concentration: 1 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.

Directions for use: Centrifuge before opening to ensure complete recovery of vial contents.

For Reference Only