

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 15, 2025

SARS-CoV-2 (2019-nCoV) Spike S2 Antibody, Chimeric MAb

RRID:AB_2857932

Type: Antibody

Proper Citation

(Sino Biological Cat# 40590-D001, RRID:AB_2857932)

Antibody Information

URL: http://antibodyregistry.org/AB_2857932

Proper Citation: (Sino Biological Cat# 40590-D001, RRID:AB_2857932)

Target Antigen: Spike

Host Organism: mouse

Clonality: recombinant

Comments: Applications: ELISA

Antibody Name: SARS-CoV-2 (2019-nCoV) Spike S2 Antibody, Chimeric MAb

Description: This recombinant targets Spike

Target Organism: SARS-CoV-2

Clone ID: D001

Antibody ID: AB_2857932

Vendor: Sino Biological

Catalog Number: 40590-D001

Record Creation Time: 20231110T032057+0000

Record Last Update: 20240725T043942+0000

Ratings and Alerts

No rating or validation information has been found for SARS-CoV-2 (2019-nCoV) Spike S2 Antibody, Chimeric MAb.

No alerts have been found for SARS-CoV-2 (2019-nCoV) Spike S2 Antibody, Chimeric MAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Li P, et al. (2024) Distinct Patterns of SARS-CoV-2 BA.2.87.1 and JN.1 Variants in Immune Evasion, Antigenicity and Cell-Cell Fusion. bioRxiv : the preprint server for biology.

Li P, et al. (2024) Neutralization and Stability of JN.1-derived LB.1, KP.2.3, KP.3 and KP.3.1.1 Subvariants. bioRxiv : the preprint server for biology.

Li P, et al. (2024) Characteristics of JN.1-derived SARS-CoV-2 subvariants SLip, FLiRT, and KP.2 in neutralization escape, infectivity and membrane fusion. bioRxiv : the preprint server for biology.

Li P, et al. (2024) Distinct patterns of SARS-CoV-2 BA.2.87.1 and JN.1 variants in immune evasion, antigenicity, and cell-cell fusion. mBio, 15(5), e0075124.

Wouters C, et al. (2024) SARS-CoV-2 Variants from Long-Term, Persistently Infected Immunocompromised Patients Have Altered Syncytia Formation, Temperature-Dependent Replication, and Serum Neutralizing Antibody Escape. Viruses, 16(9).

Qu P, et al. (2024) Immune evasion, infectivity, and fusogenicity of SARS-CoV-2 BA.2.86 and FLip variants. Cell, 187(3), 585.

Li P, et al. (2024) Neutralization escape, infectivity, and membrane fusion of JN.1-derived SARS-CoV-2 SLip, FLiRT, and KP.2 variants. Cell reports, 43(8), 114520.

Li P, et al. (2024) Immune Evasion, Cell-Cell Fusion, and Spike Stability of the SARS-CoV-2 XEC Variant: Role of Glycosylation Mutations at the N-terminal Domain. bioRxiv : the preprint server for biology.

Qu P, et al. (2023) Extraordinary Evasion of Neutralizing Antibody Response by Omicron XBB.1.5, CH.1.1 and CA.3.1 Variants. bioRxiv : the preprint server for biology.

Qu P, et al. (2023) Enhanced evasion of neutralizing antibody response by Omicron XBB.1.5, CH.1.1, and CA.3.1 variants. *Cell reports*, 42(5), 112443.

Qu P, et al. (2023) Immune Evasion, Infectivity, and Fusogenicity of SARS-CoV-2 Omicron BA.2.86 and FLip Variants. *bioRxiv* : the preprint server for biology.

Faraone JN, et al. (2023) Immune evasion and membrane fusion of SARS-CoV-2 XBB subvariants EG.5.1 and XBB.2.3. *Emerging microbes & infections*, 12(2), 2270069.

Faraone JN, et al. (2023) Continued evasion of neutralizing antibody response by Omicron XBB.1.16. *Cell reports*, 42(10), 113193.

Wang Z, et al. (2022) ACE2 can act as the secondary receptor in the FcγR-dependent ADE of SARS-CoV-2 infection. *iScience*, 25(1), 103720.

Escalera A, et al. (2022) Mutations in SARS-CoV-2 variants of concern link to increased spike cleavage and virus transmission. *Cell host & microbe*, 30(3), 373.

Duty JA, et al. (2022) Discovery and intranasal administration of a SARS-CoV-2 broadly acting neutralizing antibody with activity against multiple Omicron subvariants. *Med (New York, N.Y.)*, 3(10), 705.

Qu P, et al. (2022) Evasion of neutralizing antibody responses by the SARS-CoV-2 BA.2.75 variant. *Cell host & microbe*, 30(11), 1518.

Qu P, et al. (2022) Distinct Neutralizing Antibody Escape of SARS-CoV-2 Omicron Subvariants BQ.1, BQ.1.1, BA.4.6, BF.7 and BA.2.75.2. *bioRxiv* : the preprint server for biology.

Faulkner N, et al. (2021) Reduced antibody cross-reactivity following infection with B.1.1.7 than with parental SARS-CoV-2 strains. *eLife*, 10.

Yurkovetskiy L, et al. (2020) Structural and Functional Analysis of the D614G SARS-CoV-2 Spike Protein Variant. *Cell*, 183(3), 739.