

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

IgG

RRID:AB_394220

Type: Antibody

Proper Citation

BD Biosciences Cat# 551497, RRID:AB_394220

Antibody Information

URL: http://antibodyregistry.org/AB_394220

Proper Citation: BD Biosciences Cat# 551497, RRID:AB_394220

Target Antigen: IgG

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: IgG

Description: This monoclonal targets IgG

Target Organism: human

Antibody ID: AB_394220

Vendor: BD Biosciences

Catalog Number: 551497

Record Creation Time: 20250820T001159+0000

Record Last Update: 20250820T073800+0000

Ratings and Alerts

No rating or validation information has been found for IgG.

No alerts have been found for IgG.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Abu-Shmais AA, et al. (2026) A potently neutralizing and protective human antibody targeting antigenic site V on RSV and hMPV fusion glycoprotein. *Cell reports. Medicine*, 7(2), 102564.

Wu C, et al. (2025) Structural basis of human cytomegalovirus neutralization by gB AD-5-specific potent antibodies. *Cell reports*, 44(5), 115646.

Wasdin PT, et al. (2025) Generation of antigen-specific paired-chain antibodies using large language models. *Cell*, 188(25), 7206.

Johnson NV, et al. (2024) Discovery and characterization of a pan-betacoronavirus S2-binding antibody. *Structure (London, England : 1993)*, 32(11), 1893.

Pilewski KA, et al. (2023) Functional HIV-1/HCV cross-reactive antibodies isolated from a chronically co-infected donor. *Cell reports*, 42(2), 112044.

Sutton MS, et al. (2023) Vaccine elicitation and structural basis for antibody protection against alphaviruses. *Cell*, 186(12), 2672.

Wall SC, et al. (2023) SARS-CoV-2 antibodies from children exhibit broad neutralization and belong to adult public clonotypes. *Cell reports. Medicine*, 4(11), 101267.

Shiakolas AR, et al. (2021) Cross-reactive coronavirus antibodies with diverse epitope specificities and Fc effector functions. *Cell reports. Medicine*, 2(6), 100313.

Kramer KJ, et al. (2021) Potent neutralization of SARS-CoV-2 variants of concern by an antibody with an uncommon genetic signature and structural mode of spike recognition. *Cell reports*, 37(1), 109784.

Setliff I, et al. (2019) High-Throughput Mapping of B Cell Receptor Sequences to Antigen Specificity. *Cell*, 179(7), 1636.