

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

PE Goat anti-mouse IgG (minimal x-reactivity)

RRID:AB_315010

Type: Antibody

Proper Citation

BioLegend Cat# 405307, RRID:AB_315010

Antibody Information

URL: http://antibodyregistry.org/AB_315010

Proper Citation: BioLegend Cat# 405307, RRID:AB_315010

Target Antigen: IgG

Host Organism: goat

Clonality: polyclonal

Comments: Applications: FC

Antibody Name: PE Goat anti-mouse IgG (minimal x-reactivity)

Description: This polyclonal targets IgG

Target Organism: mouse

Clone ID: Clone Poly4053

Antibody ID: AB_315010

Vendor: BioLegend

Catalog Number: 405307

Record Creation Time: 20250820T040722+0000

Record Last Update: 20250820T180609+0000

Ratings and Alerts

No rating or validation information has been found for PE Goat anti-mouse IgG (minimal x-reactivity).

No alerts have been found for PE Goat anti-mouse IgG (minimal x-reactivity).

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 [SPARC SAWG](#) .

Kim B, et al. (2026) Intranasal replicating adenovirus type 4-vectored SARS-CoV-2 vaccines induce durable and efficacious responses in preclinical testing. *iScience*, 29(4), 115433.

Yang Z, et al. (2026) Syndecan-1-targeted therapeutic antibody impairs macropinocytosis and elicits antitumor immunity in pancreatic cancer. *Cell reports. Medicine*, 7(2), 102613.

Weber JL, et al. (2026) De novo pyrimidine synthesis controls germinal center B cell and plasma cell fates and systemic autoimmunity. *Cell reports*, 45(7), 117587.

Chen Y, et al. (2026) Autoantibodies against type I interferons in patients with zoonotic H7N9 influenza: an observational case-control study. *EBioMedicine*, 130, 106387.

Hahm HJ, et al. (2025) FlowLITE: A protocol to characterize and quantify total antibody isotypes in human plasma using flow cytometry. *STAR protocols*, 6(4), 104200.

Natale V, et al. (2025) Trispecific SEED antibodies engineered for neutrophil-mediated cell killing. *mAbs*, 17(1), 2532851.

Tang WW, et al. (2025) A microRNA-regulated transcriptional state defines intratumoral CD8+ T cells that respond to immunotherapy. *Cell reports*, 44(2), 115301.

Lambert F, et al. (2025) Antibody-mediated TGF- β 1 activation for the treatment of diseases caused by deleterious T cell activity. *Cell reports*, 44(8), 116061.

Yu S, et al. (2025) Caveolin-1/PPAR γ axis suppresses T follicular helper cell response in primary Sjögren disease. *Cell reports*, 44(8), 116156.

Verhaegen M, et al. (2025) Sec61 translocon inhibitor flavitransin blocks selectively dengue virus polyprotein insertion in the ER with pan-orthoflavivirus antiviral potency. *Cell reports*, 44(12), 116642.

Huang J, et al. (2024) Assembly and activation of EBV latent membrane protein 1. *Cell*, 187(18), 4996.

Chen S, et al. (2024) Application of a bespoke monoclonal antibody panel to characterize immune cell populations in cave nectar bats. *Cell reports*, 43(9), 114703.

Tachi T, et al. (2024) Antitumor effects of intracranial injection of B7-H3-targeted Car-T and Car-Nk cells in a patient-derived glioblastoma xenograft model. *Cancer immunology, immunotherapy* : CII, 73(12), 256.

Gargaro M, et al. (2022) Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. *Immunity*, 55(6), 1032.

Bharadwaj P, et al. (2022) Afucosylation of HLA-specific IgG1 as a potential predictor of antibody pathogenicity in kidney transplantation. *Cell reports. Medicine*, 3(11), 100818.

Kissiov DU, et al. (2022) Binary outcomes of enhancer activity underlie stable random monoallelic expression. *eLife*, 11.

Ren X, et al. (2022) Protocol for evaluating antitumor activity of KIR3DL3 blockade in an NK cell-based xenogeneic lung tumor model. *STAR protocols*, 3(4), 101818.

Lobastova L, et al. (2021) CD30-Positive Extracellular Vesicles Enable the Targeting of CD30-Negative DLBCL Cells by the CD30 Antibody-Drug Conjugate Brentuximab Vedotin. *Frontiers in cell and developmental biology*, 9, 698503.

Bennstein SB, et al. (2020) Umbilical cord blood-derived ILC1-like cells constitute a novel precursor for mature KIR+NKG2A- NK cells. *eLife*, 9.

Soday L, et al. (2019) Quantitative Temporal Proteomic Analysis of Vaccinia Virus Infection Reveals Regulation of Histone Deacetylases by an Interferon Antagonist. *Cell reports*, 27(6), 1920.