

Resource Summary Report

Generated by SPARC SAWG on Aug 15, 2026

PE/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity)

RRID:AB_10662421

Type: Antibody

Proper Citation

BioLegend Cat# 405315, RRID:AB_10662421

Antibody Information

URL: http://antibodyregistry.org/AB_10662421

Proper Citation: BioLegend Cat# 405315, RRID:AB_10662421

Target Antigen: IgG

Host Organism: goat

Clonality: polyclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity)

Description: This polyclonal targets IgG

Target Organism: mouse

Clone ID: Clone Poly4053

Antibody ID: AB_10662421

Vendor: BioLegend

Catalog Number: 405315

Record Creation Time: 20250819T230456+0000

Record Last Update: 20250820T041404+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity).

No alerts have been found for PE/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Guo J, et al. (2026) Immunoglobulin A-producing cells mediate the clinical benefits of metformin via interleukin-10. Cell reports, 45(2), 116919.

Wei X, et al. (2025) Immune imprinting blunts omicron pathogenicity fluctuations and highlights the essential role of cellular immunity in SARS-CoV-2 infection. Cell reports, 44(6), 115784.

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.

Perruzza L, et al. (2024) Protection from environmental enteric dysfunction and growth improvement in malnourished newborns by amplification of secretory IgA. Cell reports. Medicine, 5(7), 101639.

Perruzza L, et al. (2022) Apyrase-mediated amplification of secretory IgA promotes intestinal homeostasis. Cell reports, 40(3), 111112.

Hanasoge Somasundara AV, et al. (2021) Parity-induced changes to mammary epithelial cells control NKT cell expansion and mammary oncogenesis. Cell reports, 37(10), 110099.

Labonne T, et al. (2021) An INSULIN-GFP/GLUCAGON-mCherry reporter line for the study of human pancreatic endocrine cell development. Stem cell research, 56, 102547.