

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

Alexa Fluor(R) 647 Goat anti-mouse IgG (minimal x-reactivity)

RRID:AB_2563045

Type: Antibody

Proper Citation

BioLegend Cat# 405322, RRID:AB_2563045

Antibody Information

URL: http://antibodyregistry.org/AB_2563045

Proper Citation: BioLegend Cat# 405322, RRID:AB_2563045

Target Antigen: IgG

Host Organism: goat

Clonality: polyclonal

Comments: Applications: FC, IHC-P

Antibody Name: Alexa Fluor(R) 647 Goat anti-mouse IgG (minimal x-reactivity)

Description: This polyclonal targets IgG

Target Organism: mouse

Clone ID: Clone Poly4053

Antibody ID: AB_2563045

Vendor: BioLegend

Catalog Number: 405322

Record Creation Time: 20250819T210155+0000

Record Last Update: 20250819T213708+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 647 Goat anti-mouse IgG (minimal x-reactivity).

No alerts have been found for Alexa Fluor(R) 647 Goat anti-mouse IgG (minimal x-reactivity).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Van Hove H, et al. (2025) Interleukin-34-dependent perivascular macrophages promote vascular function in the brain. *Immunity*, 58(5), 1289.

Marques-da-Silva C, et al. (2025) Type I interferons induce guanylate-binding proteins and lysosomal defense in hepatocytes to control malaria. *Cell host & microbe*, 33(4), 529.

Cole AC, et al. (2025) Adoptively transferred Th17 cells cooperate with host B cells to achieve durable tumor immunity. *Cancer cell*, 43(9), 1697.

Zhang D, et al. (2025) FLT3L-based drug conjugate effectively targets chemoresistant leukemia stem cells in acute myeloid leukemia. *Cell reports. Medicine*, 102365.

Danielli S, et al. (2023) The ion channel CALHM6 controls bacterial infection-induced cellular cross-talk at the immunological synapse. *The EMBO journal*, 42(7), e111450.

Sun H, et al. (2023) IL-2 can signal via chemokine receptors to promote regulatory T cells' suppressive function. *Cell reports*, 42(8), 112996.

Middelburg J, et al. (2023) The MHC-E peptide ligands for checkpoint CD94/NKG2A are governed by inflammatory signals, whereas LILRB1/2 receptors are peptide indifferent. *Cell reports*, 42(12), 113516.

Huang CY, et al. (2022) Population-based high-throughput toxicity screen of human iPSC-derived cardiomyocytes and neurons. *Cell reports*, 39(1), 110643.

Rice TA, et al. (2022) Interspecies commensal interactions have nonlinear impacts on host immunity. *Cell host & microbe*, 30(7), 988.

Omori S, et al. (2021) Tim4 recognizes carbon nanotubes and mediates phagocytosis leading to granuloma formation. *Cell reports*, 34(6), 108734.

Zhou X, et al. (2020) Para-Halogenation of Amphetamine and Methcathinone Increases the Mitochondrial Toxicity in Undifferentiated and Differentiated SH-SY5Y Cells. *International journal of molecular sciences*, 21(8).

Syedbasha M, et al. (2020) Interferon- γ Enhances the Differentiation of Naive B Cells into Plasmablasts via the mTORC1 Pathway. *Cell reports*, 33(1), 108211.

Zhao Y, et al. (2019) PD-L1:CD80 Cis-Heterodimer Triggers the Co-stimulatory Receptor CD28 While Repressing the Inhibitory PD-1 and CTLA-4 Pathways. *Immunity*, 51(6), 1059.