

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 10, 2025

## IRDye 680RD Goat anti-Mouse IgG

RRID:AB\_2651128

Type: Antibody

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### Proper Citation

(LI-COR Biosciences Cat# 925-68070, RRID:AB\_2651128)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2651128](http://antibodyregistry.org/AB_2651128)

**Proper Citation:** (LI-COR Biosciences Cat# 925-68070, RRID:AB\_2651128)

**Target Antigen:** IgG

**Host Organism:** goat

**Clonality:** polyclonal

**Comments:** Applications: Western blotting

Info: Reacts with the heavy and light chains of mouse IgG1, IgG2a, IgG2b, and IgG3, and with the light chains of mouse IgM and IgA.

**Antibody Name:** IRDye 680RD Goat anti-Mouse IgG

**Description:** This polyclonal targets IgG

**Target Organism:** mouse

**Antibody ID:** AB\_2651128

**Vendor:** LI-COR Biosciences

**Catalog Number:** 925-68070

**Record Creation Time:** 20231110T034505+0000

**Record Last Update:** 20240725T004007+0000

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## Ratings and Alerts

No rating or validation information has been found for IRDye 680RD Goat anti-Mouse IgG.

No alerts have been found for IRDye 680RD Goat anti-Mouse IgG.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 136 mentions in open access literature.

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

Dossat AM, et al. (2024) Excitotoxic glutamate levels cause the secretion of resident endoplasmic reticulum proteins. *Journal of neurochemistry*.

Vieira Contreras F, et al. (2024) The adhesion G-protein-coupled receptor mayo/CG11318 controls midgut development in *Drosophila*. *Cell reports*, 43(1), 113640.

Maharaj AV, et al. (2024) Characterization of HMGA2 variants expands the spectrum of Silver-Russell syndrome. *JCI insight*, 9(6).

Guo JK, et al. (2024) Denaturing purifications demonstrate that PRC2 and other widely reported chromatin proteins do not appear to bind directly to RNA in vivo. *Molecular cell*.

Gutierrez R, et al. (2024) Lack of mismatch repair enhances resistance to methylating agents for cells deficient in oxidative demethylation. *The Journal of biological chemistry*, 300(8), 107492.

Ma R, et al. (2024) Chimeric antigen receptor-induced antigen loss protects CD5.CART cells from fratricide without compromising on-target cytotoxicity. *Cell reports. Medicine*, 5(7), 101628.

Oevel K, et al. (2024) Rho GTPase signaling and mDia facilitate endocytosis via presynaptic actin. *eLife*, 12.

Chia KH, et al. (2024) CDK1-PP2A-B55 interplay ensures cell cycle oscillation via Apc1-loop300. *Cell reports*, 43(5), 114155.

Root J, et al. (2024) Granulins rescue inflammation, lysosome dysfunction, lipofuscin, and neuropathology in a mouse model of progranulin deficiency. *Cell reports*, 43(12), 114985.

Luo J, et al. (2024) Capturing acyl-enzyme intermediates with genetically encoded 2,3-diaminopropionic acid for hydrolase substrate identification. *Nature protocols*, 19(10), 2967.

Baytas O, et al. (2024) Loss of mitochondrial enzyme GPT2 leads to reprogramming of synaptic glutamate metabolism. *Molecular brain*, 17(1), 87.

Ma H, et al. (2024) Disparate macrophage responses are linked to infection outcome of Hantan virus in humans or rodents. *Nature communications*, 15(1), 438.

Benzarti M, et al. (2024) PKM2 diverts glycolytic flux in dependence on mitochondrial one-carbon cycle. *Cell reports*, 43(3), 113868.

Rojas-Colón LA, et al. (2024) 4R-cembranoid suppresses glial cells inflammatory phenotypes and prevents hippocampal neuronal loss in LPS-treated mice. *Journal of neuroscience research*, 102(4), e25336.

Kang J, et al. (2024) Cell-autonomous role of leucine-rich repeat kinase in the protection of dopaminergic neuron survival. *eLife*, 12.

Lu Y, et al. (2024) ALDH1A3-acetaldehyde metabolism potentiates transcriptional heterogeneity in melanoma. *Cell reports*, 43(7), 114406.

Maharaj AV, et al. (2024) QSOX2 Deficiency-induced short stature, gastrointestinal dysmotility and immune dysfunction. *Nature communications*, 15(1), 8420.

Lim Y, et al. (2023) In silico protein interaction screening uncovers DONSON's role in replication initiation. *Science (New York, N.Y.)*, 381(6664), eadi3448.

Auf der Maur P, et al. (2023) N-acetylcysteine overcomes NF1 loss-driven resistance to PI3K $\alpha$  inhibition in breast cancer. *Cell reports. Medicine*, 4(4), 101002.

Wei W, et al. (2023) Organism-wide, cell-type-specific secretome mapping of exercise training in mice. *Cell metabolism*, 35(7), 1261.