

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

Rat IgG1 Isotype Control

RRID:AB_357348

Type: Antibody

Proper Citation

R and D Systems Cat# MAB005, RRID:AB_357348

Antibody Information

URL: http://antibodyregistry.org/AB_357348

Proper Citation: R and D Systems Cat# MAB005, RRID:AB_357348

Target Antigen: IgG1

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Control

Antibody Name: Rat IgG1 Isotype Control

Description: This monoclonal targets IgG1

Target Organism: Rat

Clone ID: 43414

Antibody ID: AB_357348

Vendor: R and D Systems

Catalog Number: MAB005

Record Creation Time: 20250820T020026+0000

Record Last Update: 20250820T122639+0000

Ratings and Alerts

No rating or validation information has been found for Rat IgG1 Isotype Control.

No alerts have been found for Rat IgG1 Isotype Control.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Izawa K, et al. (2026) IgE-dependent anaphylaxis is regulated by sphingolipid binding to activating and inhibitory CD300 family members. *Cell reports*, 45(3), 117054.

Ishiwata R, et al. (2025) A Neutrophil Storage Pool in the Fetal Liver is the Principal Source of the Postnatal Neutrophil Surge. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(15), e70921.

Bernard A, et al. (2023) IL-3 orchestrates ulcerative colitis pathogenesis by controlling the development and the recruitment of splenic reservoir neutrophils. *Cell reports*, 42(6), 112637.

Shi Z, et al. (2023) Microglia drive transient insult-induced brain injury by chemotactic recruitment of CD8+ T lymphocytes. *Neuron*, 111(5), 696.

Kfoury Y, et al. (2021) Human prostate cancer bone metastases have an actionable immunosuppressive microenvironment. *Cancer cell*, 39(11), 1464.

Sakamoto K, et al. (2021) Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. *Immunity*, 54(10), 2321.

Xu C, et al. (2020) The Gut Microbiome Regulates Psychological-Stress-Induced Inflammation. *Immunity*, 53(2), 417.

Mulfaul K, et al. (2020) Toll-like Receptor 2 Facilitates Oxidative Damage-Induced Retinal Degeneration. *Cell reports*, 30(7), 2209.

Borniger JC, et al. (2018) A Role for Hypocretin/Orexin in Metabolic and Sleep Abnormalities in a Mouse Model of Non-metastatic Breast Cancer. *Cell metabolism*, 28(1), 118.