

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

Rat IgG1, k

RRID:AB_398577

Type: Antibody

Proper Citation

BD Biosciences Cat# 554686, RRID:AB_398577

Antibody Information

URL: http://antibodyregistry.org/AB_398577

Proper Citation: BD Biosciences Cat# 554686, RRID:AB_398577

Target Antigen: Rat IgG1 k

Host Organism: rat

Clonality: monoclonal

Comments: vendor suggested use: IgG1; IgG1 Isotype Control, Intracellular Staining (Flow), Flow Cytometry; Flow Cytometry; Other; Immunocytochemistry; Vendor suggested use: IgG1; IgG1 Isotype Control, Intracellular Staining (Flow), Flow Cytometry; Flow Cytometry; Other; Immunocytochemistry

Antibody Name: Rat IgG1, k

Description: This monoclonal targets Rat IgG1 k

Antibody ID: AB_398577

Vendor: BD Biosciences

Catalog Number: 554686

Record Creation Time: 20250819T233423+0000

Record Last Update: 20250820T054518+0000

Ratings and Alerts

No rating or validation information has been found for Rat IgG1, k.

No alerts have been found for Rat IgG1, k.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kim HH, et al. (2023) xCT-mediated glutamate excretion in white adipocytes stimulates interferon- γ production by natural killer cells in obesity. Cell reports, 42(6), 112636.

Morimoto J, et al. (2022) Aire suppresses CTLA-4 expression from the thymic stroma to control autoimmunity. Cell reports, 38(7), 110384.

Carneiro MB, et al. (2020) Th1-Th2 Cross-Regulation Controls Early Leishmania Infection in the Skin by Modulating the Size of the Permissive Monocytic Host Cell Reservoir. Cell host & microbe, 27(5), 752.

Shikatani EA, et al. (2019) c-Myb Exacerbates Atherosclerosis through Regulation of Protective IgM-Producing Antibody-Secreting Cells. Cell reports, 27(8), 2304.