

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

Mouse IgG1, k

RRID:AB_395506

Type: Antibody

Proper Citation

BD Biosciences Cat# 554680, RRID:AB_395506

Antibody Information

URL: http://antibodyregistry.org/AB_395506

Proper Citation: BD Biosciences Cat# 554680, RRID:AB_395506

Target Antigen: Mouse IgG1 k

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Mouse IgG1, k

Description: This monoclonal targets Mouse IgG1 k

Antibody ID: AB_395506

Vendor: BD Biosciences

Catalog Number: 554680

Record Creation Time: 20250820T044926+0000

Record Last Update: 20250820T200204+0000

Ratings and Alerts

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

No alerts have been found for Mouse IgG1, k.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Lahaye X, et al. (2025) Centromeric DNA amplification triggered by viral proteins activates nuclear cGAS. *Cell*, 188(15), 4043.

Okoye GD, et al. (2025) Single-cell map of innate-like lymphocyte response to *Francisella tularensis* infection reveals interleukin-17-dependent protection by MAIT cells. *iScience*, 28(3), 111810.

Jaeger-Ruckstuhl CA, et al. (2024) Signaling via a CD27-TRAF2-SHP-1 axis during naive T cell activation promotes memory-associated gene regulatory networks. *Immunity*, 57(2), 287.

Liang S, et al. (2023) Differentiation of stem cell-derived pancreatic progenitors into insulin-secreting islet clusters in a multiwell-based static 3D culture system. *Cell reports methods*, 3(5), 100466.

Sidhaye J, et al. (2023) Integrated transcriptome and proteome analysis reveals posttranscriptional regulation of ribosomal genes in human brain organoids. *eLife*, 12.

Dark N, et al. (2023) Generation of left ventricle-like cardiomyocytes with improved structural, functional, and metabolic maturity from human pluripotent stem cells. *Cell reports methods*, 3(4), 100456.

Pioli KT, et al. (2023) Thymus antibody-secreting cells possess an interferon gene signature and are preferentially expanded in young female mice. *iScience*, 26(3), 106223.

Rosain J, et al. (2023) Human IRF1 governs macrophagic IFN- γ immunity to mycobacteria. *Cell*, 186(3), 621.

Zhang Y, et al. (2023) CD39 inhibition and VISTA blockade may overcome radiotherapy resistance by targeting exhausted CD8⁺ T cells and immunosuppressive myeloid cells. *Cell reports. Medicine*, 4(8), 101151.

Rodriguez-Ramirez C, et al. (2022) p53 Inhibits Bmi-1-driven Self-Renewal and Defines Salivary Gland Cancer Stemness. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(21), 4757.

Lu V, et al. (2022) Glutamine-dependent signaling controls pluripotent stem cell fate. *Developmental cell*, 57(5), 610.

Guo Q, et al. (2022) Cancer cell intrinsic TIM-3 induces glioblastoma progression. *iScience*, 25(11), 105329.

Bhargava A, et al. (2021) Inhibition of HIV infection by structural proteins of the inner nuclear membrane is associated with reduced chromatin dynamics. *Cell reports*, 36(13), 109763.

Santoro F, et al. (2021) Isolation of human ESC-derived cardiac derivatives and embryonic heart cells for population and single-cell RNA-seq analysis. *STAR protocols*, 2(1), 100339.

Liu CL, et al. (2020) Generation of a gene corrected human isogenic IBMS-iPSC-014-C from polycystic-kidney-disease induced pluripotent stem cell line using CRISPR/Cas9. *Stem cell research*, 45, 101784.

Davies AJ, et al. (2019) Natural Killer Cells Degenerate Intact Sensory Afferents following Nerve Injury. *Cell*, 176(4), 716.

Masiuk KE, et al. (2019) Lentiviral Gene Therapy in HSCs Restores Lineage-Specific Foxp3 Expression and Suppresses Autoimmunity in a Mouse Model of IPEX Syndrome. *Cell stem cell*, 24(2), 309.

Nakanishi M, et al. (2019) Human Pluripotency Is Initiated and Preserved by a Unique Subset of Founder Cells. *Cell*, 177(4), 910.

Parveen S, et al. (2018) Establishment and characterization of induced pluripotent stem cells from placental mesenchymal stromal cells. *Stem cell research*, 27, 15.