

Resource Summary Report

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GATA-4 (G-4)

RRID:AB_627667

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-25310, RRID:AB_627667

Antibody Information

URL: http://antibodyregistry.org/AB_627667

Proper Citation: Santa Cruz Biotechnology Cat# sc-25310, RRID:AB_627667

Target Antigen: GATA4

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: GATA-4 (G-4)

Description: This monoclonal targets GATA4

Target Organism: rat, mouse, human

Clone ID: G-4

Antibody ID: AB_627667

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-25310

Record Creation Time: 20250820T014416+0000

Record Last Update: 20250820T114340+0000

Ratings and Alerts

No rating or validation information has been found for GATA-4 (G-4).

No alerts have been found for GATA-4 (G-4).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 73 mentions in open access literature.

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

Simonneau B, et al. (2026) Generation of two iPSC lines carrying two cystic fibrosis rare intronic mutations c.1585-1G>A and c.1680-886A>G in the CFTR gene of the parental line PCli033-A using CRISPR/Cas tools. Stem cell research, 94, 104016.

Simonneau B, et al. (2026) CRISPR-Cas9 genome editing in the parental iPSC line PCli033-A to introduce the homozygous mutation p.F508del (c.1521_1523del) in the CFTR gene. Stem cell research, 92, 103947.

Shen Q, et al. (2026) Reconstituting human primitive streak formation through extra-embryonic cell coordination. Cell.

Simonneau B, et al. (2026) Generation of two iPSC lines each carrying a stop codon mutation, c.366T > A (p.Y122X) and c.1657C > T (p.R553X), in the CFTR gene from the parental line PCli033-A using CRISPR/Cas9. Stem cell research, 94, 104024.

Rahmawati M, et al. (2026) Tandem single-cell epigenetic and transcriptomic analysis reveals spatiotemporally distinct genomic features among testis cell lineages. iScience, 29(7), 116452.

Huang C, et al. (2026) IRAK4 constrains cellular plasticity during chemically-induced cell fate reprogramming into multiple lineages. EMBO reports.

Bia?obrzeska M, et al. (2025) Generation of human induced pluripotent stem cell line from peripheral blood of patient with lymphedema-distichiasis syndrome. Stem cell research, 85, 103693.

Peng B, et al. (2025) Mouse totipotent blastomere-like cells model embryogenesis from zygotic genome activation to post implantation. Cell stem cell, 32(3), 391.

Zhou Y, et al. (2025) Loss-of-function variants in ciliary genes confer high risk for tetralogy of Fallot. Science advances, 11(41), eadt0836.

Pitino E, et al. (2025) STAMP: Single-cell transcriptomics analysis and multimodal profiling through imaging. Cell, 188(18), 5100.

Wang D, et al. (2025) A Universal 6iL/E4 Culture System for Deriving and Maintaining Embryonic Stem Cells Across Mammalian Species. *bioRxiv : the preprint server for biology*.

Danti L, et al. (2025) FOXL2 drives the differentiation of supporting gonadal cells in early ovarian development. *Reproductive biology and endocrinology : RB&E*, 23(1), 44.

de Korte T, et al. (2025) Industrialization of 3D hiPSC-cardiac microtissues for high-throughput cardiac safety and drug discovery screening. *Trends in biotechnology*.

En H, et al. (2025) Protocol for differentiation of human pluripotent stem cells into definitive endoderm lineage in a chemically defined and growth factor-free system. *STAR protocols*, 6(2), 103889.

Lardenois A, et al. (2025) Single-cell exploration of gonadal somatic cell lineage specification during human sex determination. *Developmental cell*.

Przymusza M, et al. (2024) Generation of human induced pluripotent stem cell line derived from Becker muscular dystrophy patient with CRISPR/Cas9-mediated correction of DMD gene mutation. *Stem cell research*, 76, 103327.

Ferreira LGA, et al. (2024) Generation of heterozygous (MCRIi030-A-1) and homozygous (MCRIi030-A-2) NR2F2/COUP-TFII knockout human iPSC lines. *Stem cell research*, 76, 103374.

Yin X, et al. (2024) Characterization of the human induced pluripotent stem cell (iPSC) SZGJMSi004-A line from a 28-year-old Han male patient with depression. *Stem cell research*, 77, 103428.

Garg V, et al. (2024) Single-cell analysis of bidirectional reprogramming between early embryonic states identify mechanisms of differential lineage plasticities in mice. *Developmental cell*.

Cheng PP, et al. (2024) PM2.5 exposure-induced senescence-associated secretory phenotype in airway smooth muscle cells contributes to airway remodeling. *Environmental pollution (Barking, Essex : 1987)*, 347, 123674.