

Resource Summary Report

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Oct3/4 Antibody (C-10)

RRID:AB_628051

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-5279, RRID:AB_628051)

Antibody Information

URL: http://antibodyregistry.org/AB_628051

Proper Citation: (Santa Cruz Biotechnology Cat# sc-5279, RRID:AB_628051)

Target Antigen: Oct-3/4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, IP, IF, IHC(P), FCM and ELISA

INFO: Caution nonspecific; staining in the normal endometrium as well as the myometrium was detected therefore at least in rat this antibody is not specific to pluripotent stem cells or possibly OCT4 see PMID:29966501

Antibody Name: Oct3/4 Antibody (C-10)

Description: This monoclonal targets Oct-3/4

Target Organism: rat, mouse, human

Clone ID: C-10

Antibody ID: AB_628051

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-5279

Record Creation Time: 20231110T080420+0000

Ratings and Alerts

No rating or validation information has been found for Oct3/4 Antibody (C-10).

No alerts have been found for Oct3/4 Antibody (C-10).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 745 mentions in open access literature.

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

Zhang Y, et al. (2025) Generation of an induced pluripotent stem cell line (ZSPHARi002-A) from a patient with autosomal dominant polycystic kidney disease carrying a heterozygous PKD1 mutation. Stem cell research, 82, 103643.

Isla-Magrané H, et al. (2025) Generation of three human induced pluripotent stem cell lines from retinitis pigmentosa 25 patient and two carriers but asymptomatic daughters. Stem cell research, 82, 103645.

Ross Tacco I, et al. (2025) Generation and characterization of three induced pluripotent stem cell lines for modeling coronary artery vasospasm. Stem cell research, 82, 103644.

Saegusa C, et al. (2024) Generation of four induced pluripotent stem cell lines (KEIUi004-A, KEIUi005-A, KEIUi006-A, and KEIUi007-A) from patients with sensorineural hearing loss with mutation in EYA4 gene. Stem cell research, 79, 103489.

Cheng K, et al. (2024) Defining the cellular origin of seminoma by transcriptional and epigenetic mapping to the normal human germline. Cell reports, 43(6), 114323.

Shao J, et al. (2024) An achievement has been made in establishing an induced pluripotent stem cell line (SDPHi005-A) from a healthy Chinese male donor. Stem cell research, 77, 103393.

Pornratananont G, et al. (2024) Generation of integration-free human induced pluripotent stem cell line MURAi003-A derived from the peripheral blood mononuclear cells of a donor with homozygous Class I and Class II HLAs (A*11:01, B*46:01; C*01:02; DRB1*09:01; DQB1*03:03). Stem cell research, 80, 103514.

Ofrim M, et al. (2024) Characterization of two human induced pluripotent stem cell lines

derived from Batten disease patient fibroblasts harbouring CLN5 mutations. Stem cell research, 74, 103291.

Ge Y, et al. (2024) Generation of a human induced pluripotent stem cell line (FDCHi012-A) from a patient with DYRK1A-related intellectual disability syndrome carrying DYRK1A mutation (c.1024G > T). Stem cell research, 76, 103345.

Tan JP, et al. (2024) Reprogramming fibroblast into human iBlastoids. Nature protocols, 19(8), 2298.

Onal G, et al. (2024) Variant-specific effects of GBA1 mutations on dopaminergic neuron proteostasis. Journal of neurochemistry, 168(9), 2543.

Li J, et al. (2024) Generation of human induced pluripotent stem cell line from a patient with restrictive cardiomyopathy. Stem cell research, 76, 103370.

Tripathi D, et al. (2024) Generation of induced pluripotent stem cell line from a patient suffering from arterial calcification due to deficiency of CD73 (ACDC). Stem cell research, 75, 103285.

Huang X, et al. (2024) ZFP281 controls transcriptional and epigenetic changes promoting mouse pluripotent state transitions via DNMT3 and TET1. Developmental cell, 59(4), 465.

Cao SM, et al. (2024) Altered nucleocytoplasmic export of adenosine-rich circRNAs by PABPC1 contributes to neuronal function. Molecular cell, 84(12), 2304.

Frederiksen HRS, et al. (2024) Novel traceable CRISPR-Cas9 engineered human embryonic stem cell line (E1C3 + hSEAP + 2xKO + pCD47), has potential to evade immune detection in pigs. Stem cell research, 77, 103438.

Masano Y, et al. (2024) Generation of an induced pluripotent stem cell line (KEIUi008-A) from a hearing loss patient with an A1555G mutation in mitochondrial DNA. Stem cell research, 78, 103452.

Kelters IR, et al. (2024) Generation of human induced pluripotent stem cell (hiPSC) lines derived from three patients carrying the pathogenic CRYAB (A527G) mutation and one non-carrier family member. Stem cell research, 80, 103497.

Bianchini L, et al. (2024) Generation of two isogenic patient-derived human-induced pluripotent stem cell clones with 6q27 deletion. Stem cell research, 80, 103524.

Guo X, et al. (2024) Generation of a PPM1A-deficient human induced pluripotent stem cell line using CRISPR-Cas9 technology. Stem cell research, 77, 103420.