

Resource Summary Report

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

Human/Mouse Oct-3/4 Antibody

RRID:AB_2167713

Type: Antibody

Proper Citation

R and D Systems Cat# MAB1759, RRID:AB_2167713

Antibody Information

URL: http://antibodyregistry.org/AB_2167713

Proper Citation: R and D Systems Cat# MAB1759, RRID:AB_2167713

Target Antigen: Oct-3/4

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Western Blot, Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-ready

Antibody Name: Human/Mouse Oct-3/4 Antibody

Description: This monoclonal targets Oct-3/4

Target Organism: Human, Mouse

Clone ID: 240408

Antibody ID: AB_2167713

Vendor: R and D Systems

Catalog Number: MAB1759

Alternative Catalog Numbers: MAB1759-SP

Record Creation Time: 20250820T010020+0000

Record Last Update: 20250820T094632+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse Oct-3/4 Antibody.

No alerts have been found for Human/Mouse Oct-3/4 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Ran Y, et al. (2025) Generation of a PHF19 knockout human embryonic stem cell line by CRISPR/Cas9 system. Stem cell research, 88, 103824.

Bai R, et al. (2025) Establishment of a TRPV2 knockout human embryonic stem cell line (WAe009-A-1Y) using episomal vector-based CRISPR/Cas9. Stem cell research, 87, 103744.

Pan T, et al. (2025) Delayed forebrain excitatory and inhibitory neurogenesis in STRADA-related megalencephaly via mTOR hyperactivity. bioRxiv : the preprint server for biology.

Zhang S, et al. (2024) Generation of a TSC2 knockout embryonic stem cell line by CRISPR/Cas9 editing. Stem cell research, 77, 103399.

Jin H, et al. (2024) Generation of a DMD loss-of-function mutant human embryonic stem cell lines by CRISPR base editing. Stem cell research, 76, 103343.

Garcia L, et al. (2024) Generation of three induced pluripotent stem cell lines from individuals with Aicardi-Gouti??res syndrome caused by a c.3019G>A (p.G1007R) autosomal dominant pathogenic variant in ADAR1. Stem cell research, 74, 103299.

Rakotomamonjy J, et al. (2023) PCDH12 loss results in premature neuronal differentiation and impeded migration in a cortical organoid model. Cell reports, 42(8), 112845.

Almad AA, et al. (2023) Generation of three induced Pluripotent Stem Cell lines from individuals with Hypomyelination with Atrophy of Basal Ganglia and Cerebellum caused by a c.745G>A (p.D249N) autosomal dominant mutation in TUBB4A. Stem cell research, 69, 103083.

Ding T, et al. (2023) Establishment of a PPP2CA homozygous knockout human embryonic stem cell line via CRISPR/Cas9 system. Stem cell research, 67, 103029.

Yi T, et al. (2023) Generation of a TIMP3 knockout stem cell line via CRISPR/Cas9 system. Stem cell research, 67, 103034.

Zhou M, et al. (2023) Generation of a doxycycline-inducible ETV2 expression cell line using PiggyBac transposase system. Stem cell research, 66, 102985.

Hung CN, et al. (2023) AXL-initiated paracrine activation of pSTAT3 enhances mesenchymal and vasculogenic supportive features of tumor-associated macrophages. *Cell reports*, 42(9), 113067.

Wang X, et al. (2023) Generation of a PPP1CA knockout human pluripotent stem cell line via CRISPR/Cas9. *Stem cell research*, 69, 103077.

Ma S, et al. (2022) Generation of a COL1A2 homozygous knockout stem cell line via CRISPR/Cas9 system. *Stem cell research*, 59, 102652.

Chandrasekaran A, et al. (2021) Neural Derivates of Canine Induced Pluripotent Stem Cells-Like Cells From a Mild Cognitive Impairment Dog. *Frontiers in veterinary science*, 8, 725386.

Getachew A, et al. (2021) Generation of a TLR2 homozygous knockout human embryonic stem cell line WAe001-A-64 using CRISPR/Cas9 editing. *Stem cell research*, 54, 102401.

Ma S, et al. (2021) Generation of a TPM1 homozygous knockout embryonic stem cell line by CRISPR/Cas9 editing. *Stem cell research*, 55, 102470.

Liu X, et al. (2021) Establishment of a KCNQ1 homozygous knockout human embryonic stem cell line by episomal vector-based CRISPR/Cas9 system. *Stem cell research*, 55, 102467.

Wang W, et al. (2021) Generating dHAND homozygous knockout human embryonic stem cell line (WAe009-A-59) by episomal vector-based CRISPR/Cas9 system. *Stem cell research*, 55, 102471.

Zhao T, et al. (2021) Generation of a TBX5 homozygous knockout embryonic stem cell line (WAe009-A-45) by CRISPR/Cas9 genome editing. *Stem cell research*, 51, 102156.