

Resource Summary Report

Generated by PRECISE-TBI on Aug 8, 2026

Anti-mouse IgG (H+L), F(ab')₂ Fragment (Alexa Fluor 555 Conjugate)

RRID:AB_1904022

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4409, RRID:AB_1904022

Antibody Information

URL: http://antibodyregistry.org/AB_1904022

Proper Citation: Cell Signaling Technology Cat# 4409, RRID:AB_1904022

Target Antigen: mouse IgG (H+L) F(ab')₂ Fragment (Alexa Fluor 555 Conjugate)

Host Organism: goat

Clonality: unknown

Comments: Applications: IF-IC. Consolidation on 9/2016: AB_10693961.

Antibody Name: Anti-mouse IgG (H+L), F(ab')₂ Fragment (Alexa Fluor 555 Conjugate)

Description: This unknown targets mouse IgG (H+L) F(ab')₂ Fragment (Alexa Fluor 555 Conjugate)

Antibody ID: AB_1904022

Vendor: Cell Signaling Technology

Catalog Number: 4409

Alternative Catalog Numbers: 4409S

Record Creation Time: 20250819T232810+0000

Record Last Update: 20250820T052608+0000

Ratings and Alerts

No rating or validation information has been found for Anti-mouse IgG (H+L), F(ab')₂ Fragment (Alexa Fluor 555 Conjugate).

No alerts have been found for Anti-mouse IgG (H+L), F(ab')₂ Fragment (Alexa Fluor 555 Conjugate).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 66 mentions in open access literature.

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

Daniela H, et al. (2026) Generation of GMP-compliant hiPSC line CTEFi001-A. Stem cell research, 94, 104015.

Marpeaux L, et al. (2026) A supracellular actin network transmits forces over long distances at the apical surface of squamous carcinoma cells. Journal of cell science, 139(4).

Shibata S, et al. (2026) Rotational trophoblast organoids reveal biomechanical regulation of trophoblast differentiation. Cell reports, 45(7), 117637.

Zhang Y, et al. (2026) SETDB2-mediated transcriptional repression of IDE in sensory neurons promotes migraine-like pain behaviors in mice. Cell reports, 45(4), 117201.

Yang S, et al. (2026) KDM8 acts as a co-regulator of transcription factor SOX2 for promoting cell pluripotency. Stem cell reports, 21(7), 102963.

Qi R, et al. (2025) PRMT2-mediated upregulation of miR-323-3p in sensory neurons promotes trigeminal neuropathic pain by targeting Kv2.1 channels. Cell reports, 44(8), 116028.

Jiang J, et al. (2025) Hepatic sphingomyelin phosphodiesterase 3 promotes steatohepatitis by disrupting membrane sphingolipid metabolism. Cell metabolism, 37(5), 1119.

Lou Y, et al. (2025) MIAT-DHX9 spatiotemporal expression drives venous neointimal hyperplasia through nucleolar homeostasis and mitotic progression. Cell reports, 44(12), 116578.

Yuan L, et al. (2025) STEAP3 promotes triple-negative breast cancer growth through the FGFR1-mediated activation of PI3K/AKT/mTOR signaling. iScience, 28(6), 112526.

Katoh D, et al. (2025) Negative regulation of lymphangiogenesis by Tenascin-C delays the resolution of inflammation. iScience, 28(2), 111756.

Gong Y, et al. (2025) CRISPR-Cas9 screening reveals G2E3 as a novel ubiquitin-linked factor controlling autophagosome-lysosome fusion and cancer cell progression. *Cell death discovery*, 11(1), 455.

Huang Y, et al. (2025) Blood metabolic panels for identifying significant fibrosis and inflammation in patients with MASLD. *Cell reports. Medicine*, 102522.

Chen S, et al. (2025) LncRNA EUDAL shapes tumor cell response to hypoxia-induced constitutive EGFR activation and promotes chemoresistance in oral cancer. *International journal of oral science*, 17(1), 64.

Kiriyama K, et al. (2024) Novel synthetic biological study on intracellular distribution of human GlcNAc-1-phosphotransferase expressed in insect cells. *Journal of biochemistry*, 175(3), 265.

Hall ET, et al. (2024) Cytoneme signaling provides essential contributions to mammalian tissue patterning. *Cell*, 187(2), 276.

Benjaskulluecha S, et al. (2024) O6-methylguanine DNA methyltransferase regulates β -glucan-induced trained immunity of macrophages via farnesoid X receptor and AMPK. *iScience*, 27(1), 108733.

Göbel C, et al. (2024) SMARCA4 loss and mutated β -catenin induce proliferative lesions in the murine embryonic cerebellum. *The Journal of neuroscience : the official journal of the Society for Neuroscience*.

Nag N, et al. (2024) Metallo-protease Peptidase M84 from *Bacillus altitudinis* induces ROS-dependent apoptosis in ovarian cancer cells by targeting PAR-1. *iScience*, 27(6), 109828.

Xu Z, et al. (2024) HECW1 restrains cervical cancer cell growth by promoting DVL1 ubiquitination and downregulating the activation of Wnt/ β -catenin signaling. *Experimental cell research*, 435(2), 113949.

Wang J, et al. (2024) Generation of human induced pluripotent stem cells carrying albumin-sfGFP reporter. *Stem cell research*, 81, 103543.