

Resource Summary Report

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Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594

RRID:AB_2535781

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21145, RRID:AB_2535781)

Antibody Information

URL: http://antibodyregistry.org/AB_2535781

Proper Citation: (Thermo Fisher Scientific Cat# A-21145, RRID:AB_2535781)

Target Antigen: Mouse IgG2b

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: ICC/IF, IHC, WB

Antibody Name: Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594

Description: This polyclonal secondary targets Mouse IgG2b

Target Organism: mouse

Defining Citation: [PMID:15939793](#), [PMID:16985260](#), [PMID:12364561](#), [PMID:21525435](#), [PMID:17197383](#), [PMID:24850760](#), [PMID:17974974](#), [PMID:19213953](#), [PMID:21550980](#), [PMID:22421361](#), [PMID:17020964](#)

Antibody ID: AB_2535781

Vendor: Thermo Fisher Scientific

Catalog Number: A-21145

Record Creation Time: 20251213T073333+0000

Record Last Update: 20260225T230455+0000

Ratings and Alerts

No rating or validation information has been found for Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594.

No alerts have been found for Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 594.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Oyabu M, et al. (2025) Dnmt3a overexpression disrupts skeletal muscle homeostasis, promotes an aging-like phenotype, and reduces metabolic elasticity. *iScience*, 28(4), 112144.

Kowala A, et al. (2025) Engineered human myogenic cells in hydrogels generate innervated vascularized myofibers within dystrophic mouse muscle on long-term engraftment. *Cell reports. Medicine*, 6(3), 102019.

Chatterjee T, et al. (2025) Myeloid FtH Regulates Macrophage Response to Kidney Injury by Modulating Snca and Ferroptosis. *bioRxiv : the preprint server for biology*.

Yang Y, et al. (2024) Metformin decelerates aging clock in male monkeys. *Cell*, 187(22), 6358.

Randolph ME, et al. (2024) RNA helicase DDX3 regulates RAD51 localization and DNA damage repair in Ewing sarcoma. *iScience*, 27(2), 108925.

Qu Q, et al. (2024) Lithocholic acid phenocopies anti-ageing effects of calorie restriction. *Nature*.

Qu Q, et al. (2024) Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing. *Nature*.

Wamaitha SE, et al. (2023) Single-cell analysis of the developing human ovary defines distinct insights into ovarian somatic and germline progenitors. *Developmental cell*, 58(20), 2097.

Wei Y, et al. (2023) Dissecting embryonic and extraembryonic lineage crosstalk with stem cell co-culture. *Cell*, 186(26), 5859.

Yu L, et al. (2023) Large-scale production of human blastoids amenable to modeling blastocyst development and maternal-fetal cross talk. *Cell stem cell*, 30(9), 1246.

Hou Y, et al. (2023) Drosophila transition fibers are essential for IFT-dependent ciliary elongation but not basal body docking and ciliary budding. *Current biology : CB*, 33(4), 727.

Messina DN, et al. (2023) Age-dependent and modality-specific changes in the phenotypic markers Nav1.8, ASIC3, P2X3 and TRPM8 in male rat primary sensory neurons during healthy aging. *Biogerontology*, 24(1), 111.

Wang J, et al. (2022) Generation of expandable cardiovascular progenitor cells from mouse and human fibroblasts via direct chemical reprogramming. *STAR protocols*, 3(4), 101908.

Chang Y, et al. (2022) Engineering chimeric antigen receptor neutrophils from human pluripotent stem cells for targeted cancer immunotherapy. *Cell reports*, 40(3), 111128.

Spencer SA, et al. (2022) Lysophosphatidic acid signaling via LPA6 : A negative modulator of developmental oligodendrocyte maturation. *Journal of neurochemistry*, 163(6), 478.

Pandolfi EC, et al. (2022) In vitro germ cell induction from fertile and infertile monozygotic twin research participants. *Cell reports. Medicine*, 3(10), 100782.

George NM, et al. (2022) Excitable Axonal Domains Adapt to Sensory Deprivation in the Olfactory System. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(8), 1491.

Yu L, et al. (2021) Derivation of Intermediate Pluripotent Stem Cells Amenable to Primordial Germ Cell Specification. *Cell stem cell*, 28(3), 550.

Zhang C, et al. (2021) Ankyrin-dependent Na⁺ channel clustering prevents neuromuscular synapse fatigue. *Current biology : CB*, 31(17), 3810.

Blackburn J, et al. (2021) Astrocyte regional heterogeneity revealed through machine learning-based glial neuroanatomical assays. *The Journal of comparative neurology*, 529(10), 2464.