

Resource Summary Report

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F(ab')₂-Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

RRID:AB_2535846

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21425, RRID:AB_2535846)

Antibody Information

URL: http://antibodyregistry.org/AB_2535846

Proper Citation: (Thermo Fisher Scientific Cat# A-21425, RRID:AB_2535846)

Target Antigen: Mouse IgG (H+L)

Host Organism: Goat

Clonality: polyclonal secondary

Comments: Applications: Flow, ICC/IF, WB

Antibody Name: F(ab')₂-Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

Description: This polyclonal secondary targets Mouse IgG (H+L)

Target Organism: mouse

Defining Citation: [PMID:23761850](#), [PMID:17237785](#)

Antibody ID: AB_2535846

Vendor: Thermo Fisher Scientific

Catalog Number: A-21425

Record Creation Time: 20251213T073703+0000

Record Last Update: 20260225T230843+0000

Ratings and Alerts

No rating or validation information has been found for F(ab')₂-Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555.

No alerts have been found for F(ab')₂-Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Zheng BR, et al. (2026) Ubiquilin1 restricts influenza viral replication through trapping vRNP in the late endosomes. Cell reports, 45(5), 117310.

Padmanabhan A, et al. (2026) Embryonic dopaminergic neuron activity sustains lifelong locomotion in Drosophila. Cell reports, 45(7), 117524.

Allamreddy SR, et al. (2026) Sex-specific efficacy of curcumin-loaded nanoparticles and insulin for ocular-cardiac complications in type 2 diabetes mice. iScience, 29(7), 116594.

Aragon JW, et al. (2025) Emergence of endothelial subtypes and role of cell cycle control in arterial-venous specification during embryonic vascular development. Cell reports, 44(10), 116368.

Moye AR, et al. (2025) Sub-ciliary localization of CEP290 and effects of its loss in mouse photoreceptors during development. Journal of cell science, 138(20).

Thompson SL, et al. (2025) P23H rhodopsin accumulation causes transient disruptions to synaptic protein levels in rod photoreceptors in a model of retinitis pigmentosa. Disease models & mechanisms, 18(6).

Kosugi A, et al. (2025) Bidirectional optogenetic modulation of peripheral sensory nerve activity: Induction vs. suppression through channelrhodopsin and halorhodopsin. iScience, 28(4), 112178.

García-Trujillo M, et al. (2025) Impact of the compensation effect on the production of recombinant CD81-functionalized HIV-1 Gag virus-like particles and extracellular vesicles in HEK293 cells. New biotechnology, 90, 298.

Bordi M, et al. (2025) ADSL deficiency is a secondary mitochondrial disease affecting organelle homeostasis and ERK2/AKT signaling in a linear genotype-phenotype relation. Cell reports, 44(9), 116230.

Maserumule C, et al. (2025) Phagosomal RNA sensing through TLR8 controls susceptibility to tuberculosis. Cell reports, 44(5), 115657.

Thompson SL, et al. (2024) P23H rhodopsin aggregation in the ER causes synaptic protein imbalance in rod photoreceptors. *bioRxiv : the preprint server for biology*.

Jiang C, et al. (2024) Generating a human induced pluripotent stem cell line (XACHi018-A) from a Timothy syndrome infant carrying heterozygous CACNA1C c.1216G>A (p.G406R) mutation. *Stem cell research*, 80, 103513.

Haggerty KN, et al. (2024) Super-resolution mapping in rod photoreceptors identifies rhodopsin trafficking through the inner segment plasma membrane as an essential subcellular pathway. *PLoS biology*, 22(1), e3002467.

Pessino G, et al. (2024) Differential effect of asparagine and glutamine removal on three adenocarcinoma cell lines. *Heliyon*, 10(15), e35789.

Haggerty KN, et al. (2023) Mapping rhodopsin trafficking in rod photoreceptors with quantitative super-resolution microscopy. *bioRxiv : the preprint server for biology*.

Jia P, et al. (2023) CCDC50 promotes tumor growth through regulation of lysosome homeostasis. *EMBO reports*, 24(10), e56948.

Li B, et al. (2023) Establishment of a novel human induced pluripotent stem cell line (SIPDi001-A) with compound heterozygous mutations in the UBR7 gene from a Li-Campeau syndrome patient. *Stem cell research*, 71, 103165.

Zhou Y, et al. (2022) Generation of one human induced pluripotent stem cell line (XACHi004-A) with heterozygous mutation of RYR2 gene from an atrial fibrillation patient. *Stem cell research*, 65, 102955.

Su PY, et al. (2022) Establishment of the iPSC line CUIMCi005-A from a patient with Stargardt disease for retinal organoid culture. *Stem cell research*, 65, 102973.

Suzich JB, et al. (2021) PML-NB-dependent type I interferon memory results in a restricted form of HSV latency. *EMBO reports*, 22(9), e52547.