

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 31 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.

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.

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.

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.

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.

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.

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.

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.

Lall D, et al. (2021) C9orf72 deficiency promotes microglial-mediated synaptic loss in aging and amyloid accumulation. *Neuron*, 109(14), 2275.

Fan W, et al. (2021) TRIM7 inhibits enterovirus replication and promotes emergence of a viral variant with increased pathogenicity. *Cell*, 184(13), 3410.

Reggio A, et al. (2020) Metabolic reprogramming of fibro/adipogenic progenitors facilitates muscle regeneration. *Life science alliance*, 3(3).

Alissafi T, et al. (2020) Mitochondrial Oxidative Damage Underlies Regulatory T Cell Defects in Autoimmunity. *Cell metabolism*, 32(4), 591.