

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

F(ab')₂-Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633

RRID:AB_2535720

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21053, RRID:AB_2535720)

Antibody Information

URL: http://antibodyregistry.org/AB_2535720

Proper Citation: (Thermo Fisher Scientific Cat# A-21053, RRID:AB_2535720)

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™ 633

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

Target Organism: mouse

Defining Citation: [PMID:11756473](#), [PMID:11381144](#), [PMID:23300696](#)

Antibody ID: AB_2535720

Vendor: Thermo Fisher Scientific

Catalog Number: A-21053

Record Creation Time: 20251216T073713+0000

Record Last Update: 20260225T231303+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™ 633.

No alerts have been found for F(ab')₂-Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 633.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Du J, et al. (2026) Asparagine sensing by TBK1 controls its phase separation to drive antiviral innate immune responses. *Molecular cell*, 86(4), 722.

Sei Y, et al. (2025) Single-cell RNA-seq of small-intestinal neuroendocrine tumors reveals the cell of origin and gene expression of early tumor development. *Cell reports*, 44(11), 116500.

Bardy-Lagarde M, et al. (2025) Estradiol Promotes Myelin Repair in the Spinal Cord of Female Mice in a CXCR4 Chemokine Receptor-Independent Manner. *International journal of molecular sciences*, 26(10).

Cairo LV, et al. (2024) Stress-dependent condensate formation regulated by the ubiquitin-related modifier Urm1. *Cell*, 187(17), 4656.

Alvarez KG, et al. (2024) Human tetraspanin CD81 facilitates invasion of *Salmonella enterica* into human epithelial cells. *Virulence*, 15(1), 2399792.

Lia A, et al. (2023) Rescue of astrocyte activity by the calcium sensor STIM1 restores long-term synaptic plasticity in female mice modelling Alzheimer's disease. *Nature communications*, 14(1), 1590.

Qin F, et al. (2023) Linking chromatin acylation mark-defined proteome and genome in living cells. *Cell*, 186(5), 1066.

Wei X, et al. (2022) Ablating Lgr5-expressing prostatic stromal cells activates the ERK-mediated mechanosensory signaling and disrupts prostate tissue homeostasis. *Cell reports*, 40(10), 111313.

Chamberlain KA, et al. (2021) Oligodendrocytes enhance axonal energy metabolism by deacetylation of mitochondrial proteins through transcellular delivery of SIRT2. *Neuron*, 109(21), 3456.

Imai S, et al. (2021) *Helicobacter pylori* CagA elicits BRCAness to induce genome instability that may underlie bacterial gastric carcinogenesis. *Cell host & microbe*, 29(6),

Huang N, et al. (2021) Reprogramming an energetic AKT-PAK5 axis boosts axon energy supply and facilitates neuron survival and regeneration after injury and ischemia. *Current biology : CB*, 31(14), 3098.

Frottin F, et al. (2021) Multiple pathways of toxicity induced by C9orf72 dipeptide repeat aggregates and G4C2 RNA in a cellular model. *eLife*, 10.

Katayama H, et al. (2020) Visualizing and Modulating Mitophagy for Therapeutic Studies of Neurodegeneration. *Cell*, 181(5), 1176.

Ooki T, et al. (2019) High-Molecular-Weight Hyaluronan Is a Hippo Pathway Ligand Directing Cell Density-Dependent Growth Inhibition via PAR1b. *Developmental cell*, 49(4), 590.

Lin MY, et al. (2017) Releasing Syntaphilin Removes Stressed Mitochondria from Axons Independent of Mitophagy under Pathophysiological Conditions. *Neuron*, 94(3), 595.

Sakaue-Sawano A, et al. (2017) Genetically Encoded Tools for Optical Dissection of the Mammalian Cell Cycle. *Molecular cell*, 68(3), 626.

Abi Ghanem C, et al. (2017) Long-lasting masculinizing effects of postnatal androgens on myelin governed by the brain androgen receptor. *PLoS genetics*, 13(11), e1007049.

Tammineni P, et al. (2017) Impaired axonal retrograde trafficking of the retromer complex augments lysosomal deficits in Alzheimer's disease neurons. *Human molecular genetics*, 26(22), 4352.