

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 18, 2024

Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647

RRID:AB_2535804

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21235, RRID:AB_2535804)

Antibody Information

URL: http://antibodyregistry.org/AB_2535804

Proper Citation: (Thermo Fisher Scientific Cat# A-21235, RRID:AB_2535804)

Target Antigen: Mouse IgG (H+L)

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: Flow (1-10 µg/mL), ICC/IF (2 µg/mL), IHC (Assay-dependent)
Consolidation on 11/2019: AB_141693, AB_2535804 , AB_10562370

Antibody Name: Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647

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

Target Organism: mouse

Defining Citation:

[PMID:18557629](#), [PMID:15644320](#), [PMID:25915120](#), [PMID:18059278](#), [PMID:12682088](#),
[PMID:18463241](#), [PMID:19383915](#), [PMID:19004776](#), [PMID:16888103](#), [PMID:18591242](#),
[PMID:19864628](#), [PMID:19892847](#), [PMID:15314167](#), [PMID:26659963](#), [PMID:22355359](#),
[PMID:12151401](#), [PMID:22815487](#), [PMID:12872225](#), [PMID:16687410](#), [PMID:27350561](#),
[PMID:12832460](#), [PMID:28087734](#), [PMID:26877086](#), [PMID:16365287](#), [PMID:18591431](#),
[PMID:19834494](#), [PMID:11877482](#), [PMID:20190736](#), [PMID:26234537](#), [PMID:12490564](#),
[PMID:16473951](#), [PMID:19017791](#), [PMID:24127604](#), [PMID:25762540](#), [PMID:27322420](#),
[PMID:12135982](#), [PMID:12070128](#), [PMID:14622126](#), [PMID:18768694](#), [PMID:15738386](#),
[PMID:18306205](#)

Antibody ID: AB_2535804

Vendor: Thermo Fisher Scientific

Catalog Number: A-21235

Ratings and Alerts

No rating or validation information has been found for Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647.

Warning: Discontinued

Applications: Flow (1-10 µg/mL), ICC/IF (2 µg/mL), IHC (Assay-dependent)

Consolidation on 11/2019: AB_141693, AB_2535804 , AB_10562370

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 384 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Friedman CE, et al. (2024) HOPX-associated molecular programs control cardiomyocyte cell states underpinning cardiac structure and function. *Developmental cell*, 59(1), 91.

Gan ZY, et al. (2024) Interaction of PINK1 with nucleotides and kinetin. *Science advances*, 10(3), eadj7408.

Rosendahl Huber A, et al. (2024) Improved detection of colibactin-induced mutations by genotoxic E. coli in organoids and colorectal cancer. *Cancer cell*, 42(3), 487.

Prytkova I, et al. (2024) Upregulated GIRK2 counteracts ethanol-induced changes in excitability & respiration in human neurons. *The Journal of neuroscience : the official journal*

of the Society for Neuroscience.

Connell M, et al. (2024) Kin17 regulates proper cortical localization of Miranda in *Drosophila* neuroblasts by regulating Flfl expression. *Cell reports*, 43(3), 113823.

Zhang S, et al. (2024) Eclosion muscles secrete ecdysteroids to initiate asymmetric intestinal stem cell division in *Drosophila*. *Developmental cell*, 59(1), 125.

Pranoto IKA, et al. (2024) Protocol to analyze *Drosophila* intestinal tumor cellular heterogeneity using immunofluorescence imaging and nuclear size quantification. *STAR protocols*, 5(2), 102946.

Hernandez C, et al. (2024) Mechanisms of HIV-mediated blood-brain barrier compromise and leukocyte transmigration under the current antiretroviral era. *iScience*, 27(3), 109236.

Bastidas RJ, et al. (2024) The acetylase activity of Cdu1 regulates bacterial exit from infected cells by protecting Chlamydia effectors from degradation. *eLife*, 12.

Xu X, et al. (2024) *Vibrio cholerae* arrests intestinal epithelial proliferation through T6SS-dependent activation of the bone morphogenetic protein pathway. *Cell reports*, 43(2), 113750.

Di Meo D, et al. (2024) Pip5k1 γ regulates axon formation by limiting Rap1 activity. *Life science alliance*, 7(5).

Petersen EN, et al. (2024) Mechanical activation of TWIK-related potassium channel by nanoscopic movement and rapid second messenger signaling. *eLife*, 12.

Asghari Adib E, et al. (2024) DLK signaling in axotomized neurons triggers complement activation and loss of upstream synapses. *Cell reports*, 43(2), 113801.

Ishida E, et al. (2024) Mucosal and systemic antigen-specific antibody responses correlate with protection against active tuberculosis in nonhuman primates. *EBioMedicine*, 99, 104897.

Northey JJ, et al. (2024) Mechanosensitive hormone signaling promotes mammary progenitor expansion and breast cancer risk. *Cell stem cell*, 31(1), 106.

Liimatta J, et al. (2024) Adrenal Abcg1 Controls Cholesterol Flux and Steroidogenesis. *Endocrinology*, 165(3).

Calvo-Rodriguez M, et al. (2024) Real-time imaging of mitochondrial redox reveals increased mitochondrial oxidative stress associated with amyloid β aggregates in vivo in a mouse model of Alzheimer's disease. *Molecular neurodegeneration*, 19(1), 6.

Wu Z, et al. (2024) Rab32 family proteins regulate autophagosomal components recycling. *The Journal of cell biology*, 223(3).

van de Kooij B, et al. (2024) EXO1 protects BRCA1-deficient cells against toxic DNA lesions. *Molecular cell*, 84(4), 659.

Caputo A, et al. (2024) Spatial Transcriptomics Suggests That Alterations Occur in the Preneoplastic Breast Microenvironment of BRCA1/2 Mutation Carriers. *Molecular cancer research : MCR*, 22(2), 169.