

Resource Summary Report

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Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350

RRID:AB_2535777

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21140, RRID:AB_2535777)

Antibody Information

URL: http://antibodyregistry.org/AB_2535777

Proper Citation: (Thermo Fisher Scientific Cat# A-21140, RRID:AB_2535777)

Target Antigen: Mouse IgG2b

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: Flow, ICC/IF, IHC

Antibody Name: Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350

Description: This polyclonal secondary targets Mouse IgG2b

Target Organism: mouse

Defining Citation: [PMID:27581061](#), [PMID:27588166](#), [PMID:26632598](#), [PMID:27134770](#), [PMID:27897402](#)

Antibody ID: AB_2535777

Vendor: Thermo Fisher Scientific

Catalog Number: A-21140

Record Creation Time: 20251213T073325+0000

Record Last Update: 20260225T230501+0000

Ratings and Alerts

No rating or validation information has been found for Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350.

No alerts have been found for Goat anti-Mouse IgG2b Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 350.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

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

Weidenhamer CJ, et al. (2025) Muscle memory of exercise optimizes mitochondrial metabolism to support skeletal muscle growth. *American journal of physiology. Cell physiology*, 329(4), C1239.

Cefis M, et al. (2025) Impact of physical activity on physical function, mitochondrial energetics, ROS production, and Ca²⁺ handling across the adult lifespan in men. *Cell reports. Medicine*, 6(2), 101968.

Gicquel T, et al. (2024) Integrative study of skeletal muscle mitochondrial dysfunction in a murine pancreatic cancer-induced cachexia model. *eLife*, 13.

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

Triolo M, et al. (2024) Optic atrophy 1 mediates muscle differentiation by promoting a metabolic switch via the supercomplex assembly factor SCAF1. *iScience*, 27(3), 109164.

Leduc-Gaudet JP, et al. (2023) Autophagy ablation in skeletal muscles worsens sepsis-induced muscle wasting, impairs whole-body metabolism, and decreases survival. *iScience*, 26(8), 107475.

Sadaki S, et al. (2023) Large Maf transcription factor family is a major regulator of fast type IIb myofiber determination. *Cell reports*, 42(4), 112289.

Laudato JA, et al. (2023) Impact of prior alcohol use on the subsequent development of cancer cachexia in male and female mice. *Alcoholism, clinical and experimental research*.

Baranowski RW, et al. (2023) Toward countering muscle and bone loss with spaceflight: GSK3 as a potential target. *iScience*, 26(7), 107047.

Ravindran P, et al. (2023) An isoform-specific function of Cdc42 in regulating mammalian Exo70 during axon formation. *Life science alliance*, 6(3).

Pileggi CA, et al. (2022) Exercise training enhances muscle mitochondrial metabolism in diet-resistant obesity. *EBioMedicine*, 83, 104192.

Di Meo D, et al. (2021) The balance of mitochondrial fission and fusion in cortical axons depends on the kinases SadA and SadB. *Cell reports*, 37(12), 110141.

Hain BA, et al. (2021) REDD1 deletion attenuates cancer cachexia in mice. *Journal of applied physiology* (Bethesda, Md. : 1985), 131(6), 1718.

Steinert ND, et al. (2021) Mapping of the contraction-induced phosphoproteome identifies TRIM28 as a significant regulator of skeletal muscle size and function. *Cell reports*, 34(9), 108796.

Libner CD, et al. (2020) Antibodies to the RNA binding protein heterogeneous nuclear ribonucleoprotein A1 contribute to neuronal cell loss in an animal model of multiple sclerosis. *The Journal of comparative neurology*, 528(10), 1704.

Sonjak V, et al. (2019) Fidelity of muscle fibre reinnervation modulates ageing muscle impact in elderly women. *The Journal of physiology*, 597(19), 5009.

Tarpey MD, et al. (2019) Induced in vivo knockdown of the Brca1 gene in skeletal muscle results in skeletal muscle weakness. *The Journal of physiology*, 597(3), 869.

Koh JH, et al. (2017) PPAR γ Is Essential for Maintaining Normal Levels of PGC-1 α and Mitochondria and for the Increase in Muscle Mitochondria Induced by Exercise. *Cell metabolism*, 25(5), 1176.

Fan W, et al. (2017) PPAR γ Promotes Running Endurance by Preserving Glucose. *Cell metabolism*, 25(5), 1186.