

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 4, 2026

Goat anti-Mouse IgM (Heavy chain) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 546

RRID:AB_2535714

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# A-21045, RRID:AB_2535714

Antibody Information

URL: http://antibodyregistry.org/AB_2535714

Proper Citation: Thermo Fisher Scientific Cat# A-21045, RRID:AB_2535714

Target Antigen: Mouse IgM (Heavy chain)

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: ICC/IF, IHC, WB

Antibody Name: Goat anti-Mouse IgM (Heavy chain) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 546

Description: This polyclonal secondary targets Mouse IgM (Heavy chain)

Target Organism: mouse

Defining Citation: [PMID:18591186](#), [PMID:18035408](#), [PMID:22331353](#), [PMID:20012208](#)

Antibody ID: AB_2535714

Vendor: Thermo Fisher Scientific

Catalog Number: A-21045

Record Creation Time: 20251213T073252+0000

Record Last Update: 20260903T214819+0000

Ratings and Alerts

No rating or validation information has been found for Goat anti-Mouse IgM (Heavy chain) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 546.

No alerts have been found for Goat anti-Mouse IgM (Heavy chain) Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 546.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Zhao J, et al. (2026) Generation of induced pluripotent stem cells from a patient with CHARGE syndrome with athymia, harboring a heterozygous mutation in CHD7. Stem cell research, 91, 103912.

Lohanadan K, et al. (2026) Characterization of synaptopodin in striated and smooth muscles: isoform spectrum, expression patterns, localization and protein interactions. Experimental cell research, 459(2), 114990.

Takahashi K, et al. (2023) Brain-specific glycosylation of protein tyrosine phosphatase receptor type Z (PTPRZ) marks a demyelination-associated astrocyte subtype. Journal of neurochemistry.

Delgadillo LF, et al. (2021) Changes in endothelial glycocalyx layer protective ability after inflammatory stimulus. American journal of physiology. Cell physiology, 320(2), C216.

Vignier N, et al. (2021) The non-muscle ADF/cofilin-1 controls sarcomeric actin filament integrity and force production in striated muscle laminopathies. Cell reports, 36(8), 109601.

Kamata K, et al. (2020) Generation of a human induced pluripotent stem cell line, BRCi004-A, derived from a patient with age-related macular degeneration. Stem cell research, 45, 101787.

Pereira JA, et al. (2020) Mice carrying an analogous heterozygous dynamin 2 K562E mutation that causes neuropathy in humans develop predominant characteristics of a primary myopathy. Human molecular genetics, 29(8), 1253.

Kamata K, et al. (2020) Generation of a human induced pluripotent stem cell line, BRCi005-A, derived from a Best disease patient with BEST1 mutations. Stem cell research, 45, 101782.

Suzuki H, et al. (2020) Generation of a human induced pluripotent stem cell line derived from a Parkinson's disease patient carrying SNCA duplication. Stem cell research, 45, 101828.

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.

Moreno-Vicente R, et al. (2018) Caveolin-1 Modulates Mechanotransduction Responses to Substrate Stiffness through Actin-Dependent Control of YAP. *Cell reports*, 25(6), 1622.

Shen C, et al. (2017) Angiotensin-II-induced Muscle Wasting is Mediated by 25-Hydroxycholesterol via GSK3 β Signaling Pathway. *EBioMedicine*, 16, 238.