

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

RRID:AB_141780

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-21424, RRID:AB_141780)

Antibody Information

URL: http://antibodyregistry.org/AB_141780

Proper Citation: (Thermo Fisher Scientific Cat# A-21424, RRID:AB_141780)

Target Antigen: Mouse IgG (H+L)

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: Flow, ICC/IF, IHC

This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher Consolidation on 6/2023: AB_10566287

Antibody Name: Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555

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

Target Organism: mouse

Defining Citation: [PMID:18059278](#), [PMID:24584052](#), [PMID:19349362](#), [PMID:18632859](#), [PMID:18799651](#), [PMID:19364919](#), [PMID:18535242](#), [PMID:17241264](#), [PMID:19234450](#), [PMID:23835137](#), [PMID:17081047](#), [PMID:24984746](#), [PMID:27430121](#), [PMID:18391223](#), [PMID:19584282](#), [PMID:20046100](#), [PMID:23967273](#), [PMID:18784295](#), [PMID:19158251](#), [PMID:19341452](#)

Antibody ID: AB_141780

Vendor: Thermo Fisher Scientific

Catalog Number: A-21424

Alternative Catalog Numbers: A21424

Record Creation Time: 20251213T073231+0000

Record Last Update: 20260828T163207+0000

Ratings and Alerts

No rating or validation information has been found for Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 555.

Warning: Discontinued at Molecular Probes

Applications: Flow, ICC/IF, IHC

This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher

Consolidation on 6/2023: AB_10566287

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 251 mentions in open access literature.

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

Hisamatsu D, et al. (2026) Identification of a set of transcriptional regulators involved in the temporal regulation of neuronal subtype differentiation. *Developmental biology*, 535, 66.

Ghoshal K, et al. (2026) Integrin-linked kinase promotes hepatic fat accumulation via F-actin stabilization-dependent CD36 plasma membrane localization. *iScience*, 29(8), 116610.

Torrijos-Saiz LI, et al. (2026) Immature Excitatory Neurons in the Postnatal Ferret Paralamina Nuclei and Their Relationship to the Amygdala Across Species. *The Journal of comparative neurology*, 534(4), e70155.

Wada S, et al. (2026) Regulation of the endoplasmic reticulum stress sensor ATF6? through multiple oxidoreductases in the ER. *iScience*, 29(6), 116290.

Tsakiri E, et al. (2026) RpS12-mediated induction of the Xrp1short isoform links ribosomal protein mutations to cell competition. *Cell reports*, 45(6), 117380.

Sofer Stepanov L, et al. (2026) Pro-repair properties of a human embryonic stem cell-derived astrocyte cell therapy in demyelinating disorders. *Stem cell reports*, 21(7), 102960.

Li Q, et al. (2026) A CRISPR activation screen identifies SPART as a pan-orthoflavivirus restriction factor. *Cell host & microbe*, 34(6), 1082.

Inagaki S, et al. (2026) Endoplasmic reticulum patterns insect cuticle nanostructure. *The Journal of cell biology*, 225(2).

Pan T, et al. (2026) Balanced DNA-to-cytoplasm ratio at the 2-cell stage is critical for mouse preimplantation development. *iScience*, 29(1), 114416.

Parikainen M, et al. (2026) Jagged1 regulates extracellular matrix deposition and remodeling in triple-negative breast cancer. *Science advances*, 12(12), eaea9562.

Ogawa M, et al. (2026) KMT2C Knockdown impairs neuronal differentiation in human induced pluripotent stem cell-derived neural stem cells. *microPublication biology*, 2026.

Kaempfer N, et al. (2026) Behavioral screening defines the molecular Parkinsonism-related subgroups in *Drosophila*. *Nature communications*, 17(1).

Lee SH, et al. (2026) APP family in inhibitory neurons controls inhibitory recruitment and short-term plasticity in the hippocampus. *Molecular brain*, 19(1).

Conejos-Sánchez I, et al. (2026) A rationally designed polypeptide-based hybrid platform for targeted intranasal brain drug delivery. *Biomaterials*, 328, 123867.

Le T, et al. (2026) Cell shapes decode molecular phenotypes in image-based spatial proteomics. *Cell systems*, 17(6), 101589.

Zhou HY, et al. (2026) A skin-hypothalamus axis couples heat stress and metabolic dysfunction. *Cell*, 189(12), 3571.

Hemmi C, et al. (2026) Neuropeptidergic circuit modulation of developmental sleep in *Drosophila*. *eLife*, 14.

Clua Provost C, et al. (2025) Generation of two isogenic-corrected control cell lines (IRMBi001-A-1; IRMBi001-A-2) from Autosomal dominant Alzheimer's disease patient-derived iPSCs carrying a G217D mutation in presenilin 1 gene. *Stem cell research*, 87, 103780.

Thimm C, et al. (2025) Generation of a Bartter syndrome type 3 patient-derived induced pluripotent stem cell line ISRM-BS3-UM18-iPSC (HHUUKDi014-A). *Stem cell research*, 87, 103760.

van den Heuvel A, et al. (2025) A splicing variant in XPA results in delayed onset of clinical features of xeroderma pigmentosum. *The Journal of investigative dermatology*.