

# Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

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

RRID:AB\_141780

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# A-21424, RRID:AB\_141780)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_141780](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:** 20260225T230401+0000

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## 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

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 234 mentions in open access literature.

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

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.

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

Li X, et al. (2025) PPM1G dephosphorylates  $\beta$ -catenin to maintain the integrity of adherens junctions and regulates apoptosis in Sertoli cells. *Molecular and cellular endocrinology*, 600, 112493.

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*.

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.

Khot B, et al. (2025) miR-219a-Robo1 axis acts as a conserved switch for slit-mediated commissural axon guidance. *iScience*, 28(12), 114242.

- Liu XQ, et al. (2025) De novo assembly of nuclear stress bodies rearranges and enhances NFIL3 to restrain acute inflammatory responses. *Cell*, 188(17), 4586.
- Torrijos-Saiz LI, et al. (2025) Cellular Organization and Migration Pathways of the Ventricular-Subventricular Zone in the Juvenile Swine Brain (*Sus scrofa domesticus*). *The Journal of comparative neurology*, 533(7), e70070.
- Takagi S, et al. (2025) Segment-specific axon guidance by Wnt/Fz signaling diversifies motor commands in *Drosophila* larvae. *eLife*, 13.
- Palmer JE, et al. (2025) Coordination of autophagosome closure and release by the Alzheimer's disease-associated protein BIN1. *Cell reports*, 44(9), 116266.
- Jiang Y, et al. (2025) *Roseburia intestinalis*-derived butyrate alleviates neuropathic pain. *Cell host & microbe*, 33(1), 104.
- Zheng X, et al. (2025) Interleukin-1 prevents SARS-CoV-2-induced membrane fusion to restrict viral transmission via induction of actin bundles. *eLife*, 13.
- Moleón VR, et al. (2025) A guide to selecting high-performing antibodies for VCP (UniProt ID: P55072) for use in western blot, immunoprecipitation, and immunofluorescence. *F1000Research*, 14, 891.
- Hansen JN, et al. (2025) Intrinsic heterogeneity of primary cilia revealed through spatial proteomics. *Cell*.
- Kang SW, et al. (2025) *Drosophila* peptidyl-prolyl cis/trans isomerase-like 4 regulates circadian rhythm by supporting high-amplitude oscillations of PERIOD. *iScience*, 28(5), 112457.
- Majumder T, et al. (2025) MYC regulation of the miR-92-Robo1 axis in Slit-mediated commissural axon guidance. *Molecular biology of the cell*, 36(4), ar50.
- McIlvried LA, et al. (2025) Intrinsic adaptive plasticity in mouse and human sensory neurons. *The Journal of general physiology*, 157(1).
- Moleón VR, et al. (2025) A guide to selecting high-performing antibodies for Heterogeneous nuclear ribonucleoproteins A2/B1(hnRNP A2/B1) (UniProt ID: P22626) for use in western blot, immunoprecipitation, and immunofluorescence. *F1000Research*, 14, 1158.
- Kim SB, et al. (2025) The Arg/N-degron pathway mediates the secretion of apoptotic exosomes under oxidative stress in cancer cell. *iScience*, 28(6), 112637.