

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

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

RRID:AB_141778

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# A-21247, RRID:AB_141778

Antibody Information

URL: http://antibodyregistry.org/AB_141778

Proper Citation: Thermo Fisher Scientific Cat# A-21247, RRID:AB_141778

Target Antigen: Rat IgG (H+L)

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: ICC/IF, IHC, IP, WB

This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher Consolidation on 6/2023: AB_10563568, AB_10563558

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

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

Target Organism: rat

Defining Citation: [PMID:17374608](#), [PMID:17170067](#), [PMID:12953093](#), [PMID:27199371](#), [PMID:17251309](#), [PMID:18604209](#), [PMID:25036710](#), [PMID:19605689](#), [PMID:17332376](#), [PMID:18193049](#)

Antibody ID: AB_141778

Vendor: Thermo Fisher Scientific

Catalog Number: A-21247

Record Creation Time: 20260904T193706+0000

Ratings and Alerts

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

Warning: Discontinued at Molecular Probes

Applications: ICC/IF, IHC, IP, WB

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

Consolidation on 6/2023: AB_10563568, AB_10563558

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 500 mentions in open access literature.

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

Nallasivan MP, et al. (2026) Sex peptide targets distinct higher order processing neurons in the brain to induce the female post-mating response. eLife, 13.

Guo S, et al. (2026) Rapamycin Reduces Amyloid-? Plaques and Improves Behavioral Performance in a Sex-Dependent Manner in Mouse Models of Amyloidosis. CNS neuroscience & therapeutics, 32(3), e70807.

Séjourné G, et al. (2026) ?-catenin controls layer-specific transcriptional maturation of astrocytes via Zbtb20. bioRxiv : the preprint server for biology.

Zhang H, et al. (2026) Single-cell proteome atlas of aging mouse microglia reveals subpopulation-specific phagoproteome. Neuron.

Verma RK, et al. (2026) Electron transport chain complex I and mitochondrial fusion regulate ROS for differentiation in Drosophila neural stem cells. Stem cell reports, 21(7), 102951.

Mukherjee S, et al. (2026) A single Citrobacter rodentium infection in Pink1 knockout and wild-type mice leads to regional blood-brain-barrier perturbation and limited microglial activation without dopamine neuron axon terminal loss. PLoS pathogens, 22(6), e1014315.

Ma Y, et al. (2026) Exploiting the polypharmacology of alectinib for synergistic RNA splicing disruption with RBM39 degraders. Cell reports, 45(1), 116784.

Markovitsch JW, et al. (2026) Sequential formation of Drosophila circuit asymmetry via prolonged structural plasticity. Science advances, 12(13), eaea6020.

Zitti B, et al. (2026) Positioning and reversible suppression of CCR7+ dendritic cells in perivascular tumor niches shape cancer immunity. *Immunity*, 59(1), 161.

Stephan A, et al. (2026) Insolubilome profiling defines molecular features that influence protein insolubility with aging. *Developmental cell*, 61(4), 936.

Al Jawazneh A, et al. (2026) Bile acid retention in efferocytic macrophages shapes their inflammatory status during cholangitis. *The Journal of experimental medicine*, 223(7).

Yuri S, et al. (2026) Rat cell-derived kidney generation via interspecies blastocyst complementation in an *Osr1*-KO mouse model. *Stem cell reports*, 21(7), 102957.

Yang L, et al. (2026) Inducing physiological polarity and performing gene editing using CRISPR-Cas9 in human trophoblast organoids. *Nature protocols*.

Pan M, et al. (2026) Organoid modeling of lung branching morphogenesis and epithelial lineage specification. *Developmental cell*, 61(7), 1504.

Cave S, et al. (2026) Asperous coordinates regeneration timing by regulating damage-induced WNT signaling. *iScience*, 29(8), 116823.

Ulmke PA, et al. (2026) Identification of novel genes with enriched expression in human intermediate progenitors reveals a key role for *CDKN3* in cortical development. *Stem cell reports*, 103012.

Taneja N, et al. (2026) The actin crosslinker Fimbrin is required for force sensing at tricellular junctions. *Developmental cell*.

Bural S, et al. (2026) Countervailing effects of cyclin isoforms A and B during mitosis. *bioRxiv* : the preprint server for biology.

Zeng S, et al. (2026) A monoclonal antibody targeting the C-terminal of α -synuclein fibrils mitigates pathology in a Parkinson's disease model. *Cell reports*, 45(2), 116897.

Leblanc E, et al. (2026) Identification of skeletal muscle stem cell adhesion motifs using spot-synthesis-based peptide arrays. *iScience*, 29(1), 114498.