

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Goat Anti-Rat IgG (H+L) Antibody, Alexa Fluor ?? 647 Conjugated

RRID:AB_141778

Type: Antibody

Proper Citation

(Molecular Probes Cat# A-21247, RRID:AB_141778)

Antibody Information

URL: http://antibodyregistry.org/AB_141778

Proper Citation: (Molecular Probes Cat# A-21247, RRID:AB_141778)

Target Antigen: IgG (H+L)

Host Organism: goat

Clonality: polyclonal secondary

Comments: Discontinued; Applications: ICC/IF (2 µg/mL), IHC (1-10 µg/mL), IP (1:1,000), WB (Assay-dependent)

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) Antibody, Alexa Fluor ?? 647 Conjugated

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

Target Organism: rat

Antibody ID: AB_141778

Vendor: Molecular Probes

Catalog Number: A-21247

Alternative Catalog Numbers: A21247

Record Creation Time: 20260218T233842+0000

Record Last Update: 20260828T173948+0000

Ratings and Alerts

No rating or validation information has been found for Goat Anti-Rat IgG (H+L) Antibody, Alexa Fluor ?? 647 Conjugated.

Warning: Discontinued at Molecular Probes

Discontinued; Applications: ICC/IF (2 µg/mL), IHC (1-10 µg/mL), IP (1:1,000), WB (Assay-dependent)

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.

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

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.

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

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

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

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

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

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*.

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

Mukherjee A, et al. (2026) Membrane potential mediates the cellular response to mechanical pressure. *Cell*, 189(1), 143.

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

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.