

Resource Summary Report

Generated by ASWG on Aug 9, 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: 20260226T000001+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 [ASWG](#) .

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.