

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

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

RRID:AB_162543

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-31572, RRID:AB_162543)

Antibody Information

URL: http://antibodyregistry.org/AB_162543

Proper Citation: (Thermo Fisher Scientific Cat# A-31572, RRID:AB_162543)

Target Antigen: Rabbit IgG (H+L)

Host Organism: donkey

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_10562716

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

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

Target Organism: rabbit

Defining Citation: [PMID:26556004](#), [PMID:24418937](#), [PMID:19907640](#), [PMID:15703277](#), [PMID:24884373](#), [PMID:28089909](#), [PMID:27829467](#), [PMID:19398399](#), [PMID:28078446](#), [PMID:26902800](#), [PMID:17517969](#), [PMID:20712418](#), [PMID:25934499](#), [PMID:26141948](#), [PMID:18974109](#), [PMID:16895913](#), [PMID:17371830](#), [PMID:22378868](#), [PMID:18453600](#)

Antibody ID: AB_162543

Vendor: Thermo Fisher Scientific

Catalog Number: A-31572

Alternative Catalog Numbers: A31572

Record Creation Time: 20251213T073422+0000

Record Last Update: 20260408T215521+0000

Ratings and Alerts

- This antibody has been included in the HuBMAP's Organ Mapping Antibody Panels, please see specific validation data: <https://avr.hubmapconsortium.org> See: Human_Liver_Manual_IBEX.xlsx - The Human BioMolecular Atlas Program <https://humanatlas.io/omap>

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_10562716

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 781 mentions in open access literature.

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

Mao Y, et al. (2026) AMPK γ 2 signals amino acid insufficiency to inhibit protein synthesis. Cell metabolism, 38(1), 192.

Kurowska P, et al. (2026) Role of visfatin on early embryogenesis in normal weight and obese mice. Studies on siRNA induced knockdown model. Molecular and cellular endocrinology, 612, 112702.

Song J, et al. (2026) 3D post-implantation co-culture of human embryo and endometrium. Cell stem cell, 33(1), 58.

Weigl EJ, et al. (2026) An intestinal matrix-based human lung cancer model reflects clinical data from gefitinib on dosage-dependent efficacy. Toxicology and applied pharmacology, 506, 117625.

Molè MA, et al. (2026) Modeling human embryo implantation in vitro. Cell, 189(1), 87.

Lorenz SM, et al. (2026) A fin-loop-like structure in GPX4 underlies neuroprotection from ferroptosis. Cell, 189(1), 287.

Jalkanen J, et al. (2026) Cytoarchitectural multi-depot profiling reveals immune-metabolic crosstalk in human colon-associated adipose tissue. Cell metabolism.

Bryan E, et al. (2025) Nucleosomal asymmetry shapes histone mark binding and promotes poising at bivalent domains. *Molecular cell*, 85(3), 471.

Cebrian I, et al. (2025) Dendritic cell phagosomes recruit GRASP55 for export of antigen-loaded MHC molecules. *Cell reports*, 44(2), 115333.

Hoffmann J, et al. (2025) Canonical and non-canonical PRC1 differentially contribute to regulation of neural stem cell fate. *Life science alliance*, 8(4).

Gaudel F, et al. (2025) Astrocyte-induced firing in primary afferent axons. *iScience*, 28(3), 112006.

Dause TJ, et al. (2025) Intracrine VEGF Signaling Is Required for Adult Hippocampal Neural Stem Cell Maintenance and Vascular Proximity. *Molecular neurobiology*, 62(8), 9604.

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. *Cancer discovery*, 15(8), 1717.

Tambrin HM, et al. (2025) ARHGAP12 suppresses F-actin assembly to control epithelial tight junction mechanics and paracellular leak pathway permeability. *Cell reports*, 44(4), 115511.

Huang X, et al. (2025) Ductal or Ngn3+ cells do not contribute to adult pancreatic islet beta-cell neogenesis in homeostasis. *The EMBO journal*, 44(10), 2856.

Li H, et al. (2025) A complete model of mouse embryogenesis through organogenesis enabled by chemically induced embryo founder cells. *Cell*.

Kim MT, et al. (2025) Generation and characterization of induced pluripotent stem cell derived from cynomolgus monkey (cmESF-iPS-C4). *Stem cell research*, 87, 103799.

Fei Y, et al. (2025) Coordination of distinct sources of excitatory inputs enhances motion selectivity in the mouse visual thalamus. *Neuron*.

Hansford R, et al. (2025) Glucose-dependent insulinotropic polypeptide receptor signaling in oligodendrocytes increases the weight-loss action of GLP-1R agonism. *Cell metabolism*, 37(9), 1820.

Liu F, et al. (2025) Single-cell profiling of bone metastasis ecosystems from multiple cancer types reveals convergent and divergent mechanisms of bone colonization. *Cell genomics*, 5(7), 100888.