Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

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: IHC (1-10 µg/mL), Flow (Assay-dependent), ICC/IF (4 µg/mL) 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: 20241130T060332+0000

Record Last Update: 20241130T060632+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: IHC (1-10 µg/mL), Flow (Assay-dependent), ICC/IF (4 µg/mL)
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 654 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

Ramponi V, et al. (2025) H4K20me3-Mediated Repression of Inflammatory Genes Is a Characteristic and Targetable Vulnerability of Persister Cancer Cells. Cancer research, 85(1), 32.

Trinh LT, et al. (2025) Positive autoregulation of Sox17 is necessary for gallbladder and extrahepatic bile duct formation. Development (Cambridge, England), 152(2).

Friedman CE, et al. (2024) HOPX-associated molecular programs control cardiomyocyte cell states underpinning cardiac structure and function. Developmental cell, 59(1), 91.

Zhao Z, et al. (2024) Fine-Regional Role of the Claustrum in Anxiety and Higher Sensitivity

to Cocaine in Adolescent Cocaine-Exposed Male Mice during Adulthood. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(5).

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. Neuron, 112(2), 209.

Chakrabarty Y, et al. (2024) The HRI branch of the integrated stress response selectively triggers mitophagy. Molecular cell, 84(6), 1090.

Qin T, et al. (2024) Ptch1 is essential for cochlear marginal cell differentiation and stria vascularis formation. Cell reports, 43(4), 114083.

Leung NY, et al. (2024) Gut tumors in flies alter the taste valence of an anti-tumorigenic bitter compound. Current biology : CB, 34(12), 2623.

Ding C, et al. (2024) Srcap haploinsufficiency induced autistic-like behaviors in mice through disruption of Satb2 expression. Cell reports, 43(5), 114231.

van Elsas MJ, et al. (2024) Immunotherapy-activated T cells recruit and skew late-stage activated M1-like macrophages that are critical for therapeutic efficacy. Cancer cell, 42(6), 1032.

Liu Y, et al. (2024) Imbalance in Glucose Metabolism Regulates the Transition of Microglia from Homeostasis to Disease-Associated Microglia Stage 1. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(20).

Camacho-Aguilar E, et al. (2024) Combinatorial interpretation of BMP and WNT controls the decision between primitive streak and extraembryonic fates. Cell systems, 15(5), 445.

Maurya D, et al. (2024) Transient caspase-mediated activation of caspase-activated DNase causes DNA damage required for phagocytic macrophage differentiation. Cell reports, 43(5), 114251.

Zhang H, et al. (2024) Golgi-to-ER retrograde transport prevents premature differentiation of Drosophila type II neuroblasts via Notch-signal-sending daughter cells. iScience, 27(1), 108545.

Freibaum BD, et al. (2024) Identification of small molecule inhibitors of G3BP-driven stress granule formation. The Journal of cell biology, 223(3).

Dai Y, et al. (2024) A highly selective inhibitor of discoidin domain receptor-1 (DDR1-IN-1) protects corneal epithelial cells from YAP/ACSL4-mediated ferroptosis in dry eye. British journal of pharmacology, 181(21), 4245.

Dai Y, et al. (2024) Generation of two induced pluripotent stem cell lines from patients with Williams syndrome. Stem cell research, 78, 103460.

Sidibé A, et al. (2024) Acetyl-NPKY of integrin-?1 binds KINDLIN2 to control endothelial cell proliferation and junctional integrity. iScience, 27(6), 110129.

Otsubo K, et al. (2024) Role of desmoplakin in supporting neuronal activity, neurogenic processes, and emotional-related behaviors in the dentate gyrus. Frontiers in neuroscience, 18, 1418058.