Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647

RRID:AB_162542
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-31571, RRID:AB_162542)

Antibody Information

URL: http://antibodyregistry.org/AB_162542

Proper Citation: (Thermo Fisher Scientific Cat# A-31571, RRID:AB_162542)

Target Antigen: Mouse IgG (H+L)

Host Organism: donkey

Clonality: polyclonal secondary

Comments: Applications: Flow (1-10 µg/mL), ICC/IF (2 µg/mL), IHC (1-10 µg/mL)

Antibody Name: Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor™ 647

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

Target Organism: mouse

Defining Citation: PMID:27723745, PMID:15703277, PMID:28089909, PMID:19245833, PMID:18273885, PMID:20712418, PMID:25934499, PMID:27859240, PMID:24804702, PMID:15297669

Antibody ID: AB_162542

Vendor: Thermo Fisher Scientific

Catalog Number: A-31571

Record Creation Time: 20241130T060328+0000

Record Last Update: 20241130T060601+0000

Ratings and Alerts

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

Warning: Discontinued at Molecular Probes
Applications: Flow (1-10 µg/mL), ICC/IF (2 µg/mL), IHC (1-10 µg/mL)

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 732 mentions in open access literature.

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

Eichler J, et al. (2025) Methods for Visualizing and Quantifying Cholesterol Distribution in Mammalian Cells Using Filipin and D4 Probes. Methods in molecular biology (Clifton, N.J.), 2888, 101.

Darrigrand JF, et al. (2024) Acinar-ductal cell rearrangement drives branching morphogenesis of the murine pancreas in an IGF/PI3K-dependent manner. Developmental cell, 59(3), 326.

Cubillos P, et al. (2024) The growth factor EPIREGULIN promotes basal progenitor cell proliferation in the developing neocortex. The EMBO journal, 43(8), 1388.

Ji Y, et al. (2024) EHBP1 Is Critically Involved in the Dendritic Arbor Formation and Is Coupled to Factors Promoting Actin Filament Formation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(6).

Herman J, et al. (2024) Ventricular-subventricular zone stem cell niche adaptations in a mouse model of post-infectious hydrocephalus. Frontiers in neuroscience, 18, 1429829.

Di C, et al. (2024) Carvedilol inhibits neuronal hyperexcitability caused by epilepsy-associated KCNT1 mutations. British journal of pharmacology.

Sun J, et al. (2024) Two sequential gene expression programs bridged by cell division support long-distance collective cell migration. Development (Cambridge, England), 151(10).

Zhang T, et al. (2024) FGD5 in basal cells induces CXCL14 secretion that initiates a feedback loop to promote murine mammary epithelial growth and differentiation. Developmental cell, 59(16), 2085.

Recinto SJ, et al. (2024) Characterizing enteric neurons in dopamine transporter (DAT)-Cre reporter mice reveals dopaminergic subtypes with dual-transmitter content. The European journal of neuroscience.

Kelley KW, et al. (2024) Host circuit engagement of human cortical organoids transplanted in rodents. Nature protocols.

Nam J, et al. (2024) Delivery of CDNF by AAV-mediated gene transfer protects dopamine neurons and regulates ER stress and inflammation in an acute MPTP mouse model of Parkinson's disease. Scientific reports, 14(1), 16487.

Haidar M, et al. (2024) Generation of three isogenic, gene-edited iPSC lines carrying the APOE-Christchurch mutation into the three common APOE variants: APOE2Ch, APOE3Ch and APOE4Ch. Stem cell research, 77, 103414.

Kumar A, et al. (2024) A dynamin superfamily-like pseudoenzyme coordinates with MICOS to promote cristae architecture. Current biology : CB, 34(12), 2606.

Williams DM, et al. (2024) S-acylation of NLRP3 provides a nigericin sensitive gating mechanism that controls access to the Golgi. eLife, 13.

Srinivasan S, et al. (2024) The conformational plasticity of structurally unrelated lipid transport proteins correlates with their mode of action. PLoS biology, 22(8), e3002737.

Lingamallu SM, et al. (2024) Neuroepithelial bodies and terminal bronchioles are niches for distinctive club cells that repair the airways following acute notch inhibition. Cell reports, 43(9), 114654.

Kroeger B, et al. (2024) Basal spot junctions of Drosophila epithelial tissues respond to morphogenetic forces and regulate Hippo signaling. Developmental cell, 59(2), 262.

Wiedmann NM, et al. (2024) An adeno-associated viral labeling approach to visualize the meso- and microanatomy of mechanosensory afferents and autonomic innervation of the rat urinary bladder. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(1), e23380.

Foucault L, et al. (2024) Neonatal brain injury unravels transcriptional and signaling changes underlying the reactivation of cortical progenitors. Cell reports, 43(2), 113734.

Ku B, et al. (2024) PRMT1 promotes pancreatic cancer development and resistance to chemotherapy. Cell reports. Medicine, 5(3), 101461.