

Resource Summary Report

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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, ICC/IF, IHC

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: 20251213T073406+0000

Record Last Update: 20260225T230542+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community. Contact(s): [Markus Grompe](#), [Philip Streeter](#), [Marcela Brissova](#) - Human Islets Research Network <https://hirnetwork.org/>

Warning: Discontinued at Molecular Probes
Applications: Flow, ICC/IF, IHC

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 953 mentions in open access literature.

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

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.

Zheng W, et al. (2026) Continuous modeling of primate embryogenesis from totipotency to early organogenesis. Cell, 189(15), 4664.

Zhang T, et al. (2026) Human PSC-derived sinoatrial node-cardiac plexus assembloids model innervation-associated maturation of pacemaker systems. Cell stem cell, 33(6), 945.

Zaganelli S, et al. (2026) Nuclear envelope budding enables export of large transcripts in muscle cells. Cell, 189(11), 3398.

Ragosta MC, et al. (2026) The modulation of AUF1 regulates the R-loop resolution activating the immune response in DDR. iScience, 29(6), 115900.

Ialchina R, et al. (2026) Microenvironmental acidosis drives PARP- and ATM inhibitor resistance in p53 deficient pancreatic cancer. iScience, 29(3), 115112.

Chatterjee K, et al. (2026) Coordinated repression of totipotency-associated gene loci by histone methyltransferase EHMT2 via LINE1 regulatory elements. EMBO reports, 27(3), 654.

Gallardo-Caballero M, et al. (2026) Protocol to study adult neurogenesis in fresh-frozen human hippocampal tissue using an immunofluorescence quantitative approach. STAR protocols, 7(1), 104344.

Stawarski M, et al. (2026) Functional signatures of de novo GABBR1 and GABBR2 variants associated with neurodevelopmental disorders. NPJ genomic medicine, 11(1).

Hurley K, et al. (2026) PARP1 recruits SPRTN to DNA-protein crosslinks through a conserved poly-ADP-ribose binding domain. *bioRxiv : the preprint server for biology*.

Zeng S, et al. (2026) TPPP/p25 amyloid seeding activity as a specific biomarker for multiple system atrophy. *Cell*, 189(15), 4724.

Macedo T, et al. (2026) Human iPSCs derived from cryopreserved testicular somatic cells enable germline regeneration in childhood cancer survivors. *Human reproduction open*, 2026(3), hoag054.

Whelan EC, et al. (2026) Generation of spermatogonia from human and non-human primate pluripotent stem cells. *Cell stem cell*.

Sun Y, et al. (2026) Transsynaptic tracing techniques to interrogate neuronal connectivity of glioblastomas. *Nature protocols*, 21(6), 2635.

Pournejati R, et al. (2026) Functionally coupled ion channels begin co-assembling at the start of their synthesis. *eLife*, 14.

Tai W, et al. (2026) In vivo reprogramming of NG2 glia improves bladder function after spinal cord injury. *iScience*, 29(3), 114850.

Branco MA, et al. (2026) Modeling embryonic heart vascular plexus development and sympathetic innervation on a human heart organoid. *iScience*, 29(3), 115071.

Zhang JS, et al. (2026) Blocking apoptosis promotes survival and alters developmental dynamics of human retinal ganglion cells in retinal organoids. *Cell reports*, 45(4), 117270.

Chang S, et al. (2026) IL-1-mediated vitreous inflammation as an early indicator of retinal ganglion cell loss following acute optic nerve injury. *Journal of neuroinflammation*, 23(1).

Patel K, et al. (2026) Chaperone-mediated autophagy is a tumor-suppressive mechanism in hepatocellular carcinoma. *Cell reports*, 45(6), 117390.