

# Resource Summary Report

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## Donkey anti-Mouse IgG (H+L) ReadyProbes Secondary Antibody, Alexa Fluor™ 488

RRID:AB\_2556542

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# R37114, RRID:AB\_2556542)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2556542](http://antibodyregistry.org/AB_2556542)

**Proper Citation:** (Thermo Fisher Scientific Cat# R37114, RRID:AB\_2556542)

**Target Antigen:** Mouse IgG (H+L)

**Host Organism:** donkey

**Clonality:** polyclonal secondary

**Comments:** Applications: Flow, ICC/IF, IHC-F, WB

**Antibody Name:** Donkey anti-Mouse IgG (H+L) ReadyProbes Secondary Antibody, Alexa Fluor™ 488

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

**Target Organism:** mouse

**Antibody ID:** AB\_2556542

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** R37114

**Record Creation Time:** 20250927T071131+0000

**Record Last Update:** 20260225T225334+0000

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### Ratings and Alerts

No rating or validation information has been found for Donkey anti-Mouse IgG (H+L) ReadyProbes Secondary Antibody, Alexa Fluor™ 488.

No alerts have been found for Donkey anti-Mouse IgG (H+L) ReadyProbes Secondary Antibody, Alexa Fluor™ 488.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 105 mentions in open access literature.

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

Cauzzi E, et al. (2026) Midbrain dopamine loss drives parvalbumin interneuron vulnerability through tissue plasminogen activator-linked perineuronal-net breakdown and hippocampal disinhibition. *Neurobiology of disease*, 227, 107527.

Saurat N, et al. (2026) Genome-wide CRISPR screen identifies neddylation as a regulator of neuronal aging and AD neurodegeneration. *Cell stem cell*, 33(2), 355.

Peng X, et al. (2026) Generation of a human induced pluripotent stem cell line (FDIBSi002-A) derived from a patient with DYRK1A syndrome carrying a heterozygous DYRK1A mutation (c.1042G>A). *Stem cell research*, 91, 103917.

Wu J, et al. (2025) Establishment of an induced pluripotent stem cell line (LBMi001-A) from urine of an oligoteratozoospermic patient with isodicentric chromosome Y harboring intact AZF region. *Stem cell research*, 87, 103793.

Chi H, et al. (2025) SEMA3G-NRP1 Signaling Functions as an Immune Checkpoint That Enables Tumor Immune Evasion by Impairing T-cell Cytotoxicity. *Cancer research*, 85(5), 912.

Saha S, et al. (2025) Acute dietary methionine restriction triggers cell cycle arrest and reversible growth defects in the neocortex. *iScience*, 28(6), 112705.

La Barbera L, et al. (2025) Midbrain degeneration triggers astrocyte reactivity and tau pathology in experimental Alzheimer's Disease. *Molecular neurodegeneration*, 20(1), 105.

Zhu Y, et al. (2025) Generation of a human induced pluripotent stem cell line from a CHARGE syndrome patient with CHD7 mutation (c.3982C>T). *Stem cell research*, 90, 103876.

De Paolis ML, et al. (2025) Repetitive prefrontal tDCS activates VTA dopaminergic neurons, resulting in attenuation of Alzheimer's Disease-like deficits in Tg2576 mice. *Alzheimer's research & therapy*, 17(1), 94.

- Ficchì S, et al. (2025) Optogenetic stimulation of midbrain dopaminergic neurons rescues hippocampal synaptic plasticity deficits in a mouse model of Alzheimer's disease. *Translational psychiatry*, 15(1), 371.
- Kang M, et al. (2025) APLP1 Interacts with SARM1 and Regulates Axonal Maintenance and Post-Injury Degeneration. *Molecular neurobiology*, 63(1), 225.
- Yin T, et al. (2025) Generation of two induced pluripotent stem cell lines (FDCHi011-A and FDCHi016-A) from different patients with NBIA5 syndrome carrying WDR45 m.700C > T and m.888G > A mutation. *Stem cell research*, 89, 103860.
- Walsh RM, et al. (2025) Forebrain assembloids support the development of fast-spiking human PVALB+ cortical interneurons and uncover schizophrenia-associated defects. *Neuron*.
- Oberst P, et al. (2025) Environmental and genetic risk factors of depression converge on neuronal dysfunction driven by changes in cholesterol homeostasis. *Developmental cell*.
- Wang E, et al. (2025) Multiscale proteomic modeling reveals protein networks driving Alzheimer's disease pathogenesis. *Cell*.
- Cheng X, et al. (2024) Astrocytes modulate brain phosphate homeostasis via polarized distribution of phosphate uptake transporter PiT2 and exporter XPR1. *Neuron*, 112(18), 3126.
- Yin T, et al. (2024) Characterization of a human induced pluripotent stem cell line (FDCHi015-A) derived from PBMCs of a patient harbouring ALDOB mutation. *Stem cell research*, 78, 103451.
- Ji E, et al. (2024) The Chemokine CCL2 Promotes Excitatory Synaptic Transmission in Hippocampal Neurons via GluA1 Subunit Trafficking. *Neuroscience bulletin*.
- Lu Y, et al. (2024) HDAC5 enhances IRF3 activation and is targeted for degradation by protein C6 from orthopoxviruses including Monkeypox virus and Variola virus. *Cell reports*, 43(3), 113788.
- Johansen CG, et al. (2024) Extracellular matrix stiffness mediates insulin secretion in pancreatic islets via mechanosensitive Piezo1 channel regulated Ca<sup>2+</sup> dynamics. *Matrix biology plus*, 22, 100148.