Resource Summary Report

Generated by RRID on Jul 29, 2026

Donkey Anti-Mouse IgG (Alexa Fluor 405)

RRID:AB_2687445
Type: Antibody

Proper Citation

Abcam Cat# ab175658, RRID:AB_2687445

Antibody Information

URL: http://antibodyregistry.org/AB_2687445

Proper Citation: Abcam Cat# ab175658, RRID:AB_2687445

Target Antigen: Mouse IgG

Host Organism: donkey

Clonality: polyclonal

Comments: Image validation for ICC/IF on MDS.

Antibody Name: Donkey Anti-Mouse IgG (Alexa Fluor 405)

Description: This polyclonal targets Mouse IgG

Target Organism: mouse

Clone ID: IgG

Defining Citation: PMID:28689640

Antibody ID: AB_2687445

Vendor: Abcam

Catalog Number: ab175658

Record Creation Time: 20250820T003622+0000

Record Last Update: 20250820T084321+0000

Ratings and Alerts

No rating or validation information has been found for Donkey Anti-Mouse IgG (Alexa Fluor 405).

No alerts have been found for Donkey Anti-Mouse IgG (Alexa Fluor 405).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Yan W, et al. (2025) Human stem cell-derived A10 dopaminergic neurons specifically integrate into mouse circuits and improve depression-like behaviors. Cell stem cell, 32(9), 1457.

Takemura S, et al. (2025) Transformation of radial glia into postnatal neural stem cells depends on birth. Cell reports, 44(8), 116029.

Woo MS, et al. (2025) The immunoproteasome disturbs neuronal metabolism and drives neurodegeneration in multiple sclerosis. Cell, 188(17), 4567.

Szarka G, et al. (2025) Domain-like patterning of dendritic asymmetry and orientation defined by gap junctions in the mouse retina. iScience, 28(12), 113922.

Zhang X, et al. (2025) 3D-generation of high-purity midbrain dopaminergic progenitors and lineage-guided refinement of grafts supports Parkinson's disease cell therapy. Cell stem cell, 32(11), 1758.

Woo MS, et al. (2024) STING orchestrates the neuronal inflammatory stress response in multiple sclerosis. Cell, 187(15), 4043.

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.

Vijatovic D, et al. (2024) Spinal neuron diversity scales exponentially with swim-to-limb transformation during frog metamorphosis. bioRxiv : the preprint server for biology.

M??tlik K, et al. (2023) Histone bivalency regulates the timing of cerebellar granule cell development. bioRxiv : the preprint server for biology.

Jia P, et al. (2023) CCDC50 promotes tumor growth through regulation of lysosome homeostasis. EMBO reports, 24(10), e56948.

Ichinose S, et al. (2023) Interaction between Teneurin-2 and microtubules via EB proteins provides a platform for GABAA receptor exocytosis. eLife, 12.

Hashimoto A, et al. (2023) Microglia enable cross-modal plasticity by removing inhibitory synapses. Cell reports, 42(5), 112383.

Shao Q, et al. (2023) ATF7IP2, a meiosis-specific partner of SETDB1, is required for proper chromosome remodeling and crossover formation during spermatogenesis. Cell reports, 42(8), 112953.

Rahmani W, et al. (2022) Attenuation of SARS-CoV-2 infection by losartan in human kidney organoids. iScience, 25(2), 103818.

Leiter O, et al. (2022) Selenium mediates exercise-induced adult neurogenesis and reverses learning deficits induced by hippocampal injury and aging. Cell metabolism, 34(3), 408.

Chung H, et al. (2022) Infecting kidney organoids with a cDNA reporter clone of SARS-CoV-2. STAR protocols, 3(3), 101617.

Jakobs MAH, et al. (2022) Unrestrained growth of correctly oriented microtubules instructs axonal microtubule orientation. eLife, 11.

Wu Q, et al. (2022) Corticotropin-Releasing Factor Aggravates Ischemic Stroke Injury by the Inflammatory Activation of Microglia. Endocrinology, 163(3).

Ma L, et al. (2022) Fast generation of forebrain oligodendrocyte spheroids from human embryonic stem cells by transcription factors. iScience, 25(10), 105172.

Obata Y, et al. (2022) Molecular profiling of enteric nervous system cell lineages. Nature protocols, 17(8), 1789.