

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

Donkey Anti-Goat IgG H&L (Alexa Fluor® 405) antibody

RRID:AB_2313502

Type: Antibody

Proper Citation

Abcam Cat# ab175664, RRID:AB_2313502

Antibody Information

URL: http://antibodyregistry.org/AB_2313502

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Target Antigen: Goat IgG

Host Organism: donkey

Clonality: polyclonal

Comments: dedicated 405 filter set is very advantageous. DAPI filter sets work to a point, but they excite on the lower of 405's 2 excitation peaks, where a dedicated 405 filter set will excite on the higher peak. Depending on the characteristics of the particular DAPI emission filter being used, it may or may not encapsulate the maximum emission peak of 405. A brighter signal will therefore be seen observing 405 under a dedicated filter set, rather than one optimised for DAPI.

Antibody Name: Donkey Anti-Goat IgG H&L (Alexa Fluor® 405) antibody

Description: This polyclonal targets Goat IgG

Antibody ID: AB_2313502

Vendor: Abcam

Catalog Number: ab175664

Record Creation Time: 20231110T042052+0000

Record Last Update: 20260829T113134+0000

Ratings and Alerts

No rating or validation information has been found for Donkey Anti-Goat IgG H&L (Alexa Fluor® 405) antibody.

No alerts have been found for Donkey Anti-Goat IgG H&L (Alexa Fluor® 405) antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Singh K, et al. (2026) Membrane Dysfunction as a Central Mechanism in LRRK2-Associated Parkinson's Disease: Comparative Analysis of G2019S and I1371V Variants. *Cells*, 15(4).

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.

Zeng L, et al. (2025) Toripalimab plus platinum-doublet chemotherapy as perioperative therapy for initially unresectable NSCLC: An open-label, phase 2 trial. *Med (New York, N.Y.)*, 6(6), 100574.

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.

Aragon JW, et al. (2025) Emergence of endothelial subtypes and role of cell cycle control in arterial-venous specification during embryonic vascular development. *Cell reports*, 44(10), 116368.

Matuskova H, et al. (2024) Spatiotemporal sphingosine-1-phosphate receptor 3 expression within the cerebral vasculature after ischemic stroke. *iScience*, 27(6), 110031.

Spinelli M, et al. (2024) The first interneuron of the mouse visual system is tailored to the natural environment through morphology and electrical coupling. *iScience*, 27(12), 111276.

Kim N, et al. (2023) Intrinsically disordered region-mediated condensation of IFN-inducible SCOTIN/SHISA-5 inhibits ER-to-Golgi vesicle transport. *Developmental cell*, 58(19), 1950.

Wei X, et al. (2023) Extensive jejunal injury is repaired by migration and transdifferentiation of ileal enterocytes in zebrafish. *Cell reports*, 42(7), 112660.

Vasic I, et al. (2023) Loss of TJP1 disrupts gastrulation patterning and increases differentiation toward the germ cell lineage in human pluripotent stem cells.

Developmental cell, 58(16), 1477.

Benadda S, et al. (2023) Activating Fc γ R function depends on endosomal-signaling platforms. *iScience*, 26(7), 107055.

Suzuki S, et al. (2021) An mTORC1-dependent switch orchestrates the transition between mouse spermatogonial stem cells and clones of progenitor spermatogonia. *Cell reports*, 34(7), 108752.

Yanagida A, et al. (2021) Naive stem cell blastocyst model captures human embryo lineage segregation. *Cell stem cell*, 28(6), 1016.

Chen J, et al. (2021) Acute brain vascular regeneration occurs via lymphatic transdifferentiation. *Developmental cell*, 56(22), 3115.

Butt L, et al. (2020) A molecular mechanism explaining albuminuria in kidney disease. *Nature metabolism*, 2(5), 461.

Li K, et al. (2018) Hypoxic Preconditioning Maintains GLT-1 Against Transient Global Cerebral Ischemia Through Upregulating Cx43 and Inhibiting c-Src. *Frontiers in molecular neuroscience*, 11, 344.