

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

Goat Anti-Mouse IgG2a (??2a) Antibody, Alexa Fluor ?? 488 Conjugated

RRID:AB_141618

Type: Antibody

Proper Citation

Molecular Probes Cat# A-21131, RRID:AB_141618

Antibody Information

URL: http://antibodyregistry.org/AB_141618

Proper Citation: Molecular Probes Cat# A-21131, RRID:AB_141618

Target Antigen: Mouse IgG2a (??2a)

Host Organism: goat

Clonality: unknown

Comments: Discontinued; This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher:

Antibody Name: Goat Anti-Mouse IgG2a (??2a) Antibody, Alexa Fluor ?? 488 Conjugated

Description: This unknown targets Mouse IgG2a (??2a)

Target Organism: mouse

Antibody ID: AB_141618

Vendor: Molecular Probes

Catalog Number: A-21131

Alternative Catalog Numbers: A21131

Record Creation Time: 20231110T053329+0000

Record Last Update: 20260828T235723+0000

Ratings and Alerts

No rating or validation information has been found for Goat Anti-Mouse IgG2a (??2a) Antibody, Alexa Fluor ?? 488 Conjugated.

Warning: Discontinued at Molecular Probes
Discontinued; This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher:

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Zhang Z, et al. (2026) Precise and efficient DNA base editing restores normal hearing in adult DFNB9 mouse model. *Med (New York, N.Y.)*, 7(4), 101001.

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. *Neuron*, 114(12), 2199.

Dabrowski AK, et al. (2026) Compensatory rearrangement of parvalbumin interneuron voltage-gated sodium channel subunits in a mouse model of Dravet syndrome. *Epilepsia*.

Kowala A, et al. (2025) Engineered human myogenic cells in hydrogels generate innervated vascularized myofibers within dystrophic mouse muscle on long-term engraftment. *Cell reports. Medicine*, 6(3), 102019.

Djebar M, et al. (2024) Astrogliosis and neuroinflammation underlie scoliosis upon cilia dysfunction. *eLife*, 13.

Choi JE, et al. (2023) Round-window delivery of lithium chloride regenerates cochlear synapses damaged by noise-induced excitotoxic trauma via inhibition of the NMDA receptor in the rat. *PloS one*, 18(5), e0284626.

da Costa Souza F, et al. (2023) Oxidized linoleic acid metabolites regulate neuronal morphogenesis in vitro. *Neurochemistry international*, 164, 105506.

Gargano C, et al. (2023) Generation of induced pluripotent stem cell line (TMOi001-A-11) carrying a homozygous deletion in the synemin gene using CRISPR/Cas9. *Stem cell research*, 73, 103254.

Kaneko K, et al. (2022) Developmentally regulated impairment of parvalbumin interneuron synaptic transmission in an experimental model of Dravet syndrome. *Cell reports*, 38(13), 110580.

Itakura Y, et al. (2022) Glu333 in rabies virus glycoprotein is involved in virus attenuation through astrocyte infection and interferon responses. *iScience*, 25(4), 104122.

Wang M, et al. (2021) Oligophrenin-1 moderates behavioral responses to stress by regulating parvalbumin interneuron activity in the medial prefrontal cortex. *Neuron*, 109(10), 1636.

Krishna S, et al. (2021) Identification of long-lived proteins in the mitochondria reveals increased stability of the electron transport chain. *Developmental cell*, 56(21), 2952.

Lopez-Huerta VG, et al. (2021) Striatal bilateral control of skilled forelimb movement. *Cell reports*, 34(3), 108651.

Bowles KR, et al. (2021) ELAVL4, splicing, and glutamatergic dysfunction precede neuron loss in MAPT mutation cerebral organoids. *Cell*, 184(17), 4547.

Resnik J, et al. (2021) Cochlear neural degeneration disrupts hearing in background noise by increasing auditory cortex internal noise. *Neuron*, 109(6), 984.

Jarjour AA, et al. (2020) The formation of paranodal spirals at the ends of CNS myelin sheaths requires the planar polarity protein Vangl2. *Glia*, 68(9), 1840.

Ton ST, et al. (2020) Dentate Gyrus Proliferative Responses After Traumatic Brain Injury and Binge Alcohol in Adult Rats. *Neuroscience insights*, 15, 2633105520968904.

Paskus JD, et al. (2019) Synaptic Kalirin-7 and Trio Interactomes Reveal a GEF Protein-Dependent Neuroligin-1 Mechanism of Action. *Cell reports*, 29(10), 2944.

Blanco C, et al. (2019) EB1- and EB2-dependent anterograde trafficking of TRPM4 regulates focal adhesion turnover and cell invasion. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 33(8), 9434.

Stone OA, et al. (2019) Paraxial Mesoderm Is the Major Source of Lymphatic Endothelium. *Developmental cell*, 50(2), 247.