

Resource Summary Report

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eGFP

RRID:AB_2921270

Type: Antibody

Proper Citation

Takeshi Kaneko - Kyoto University Cat# eGFP1, RRID:AB_2921270

Antibody Information

URL: http://antibodyregistry.org/AB_2921270

Proper Citation: Takeshi Kaneko - Kyoto University Cat# eGFP1, RRID:AB_2921270

Target Antigen: artificial protein

Host Organism: guinea pig

Clonality: polyclonal

Comments: Tamamaki et al., 2000. Neurons in Golgi-stain-like images revealed by GFP-adenovirus infection in vivo. *Neurosci Res* 38:231–236: "For the production of anti-GFP antibodies, the full coding sequence of GFP was amplified by polymerase chain reaction (PCR) by using the pGG16 as a template. The sequences of the primers used for the PCR were ATGGTGAGCAAGGGCGAGGA and CTTGTACAGCTCGTCCATGC. The blunt-ended PCR product was cloned into pGEX-4T2 (Amersham-Pharmacia Biotech, USA) at the SmaI site, and glutathioneS-transferase(GST)-GFP fusion protein was induced in *E. coli* by adding isopropyl-1-thio-beta-D-galactopyranoside (IPTG) to the medium. GFP was purified according to the protocol recommended by the manufacturer of the GST-system (Amersham-Pharmacia Biotech, USA). The purified GFP was emulsified with Freund's complete adjuvant (Difco, USA; Johnstone and Thorpe, 1987), and injected intracutaneously into female rabbits (2 mg/animal) and guinea pigs (0.5 mg/animal). Four weeks after the immunization, the same amount of GFP emulsified with incomplete Freund's adjuvant was injected into the animals. The sera were recovered 10–20 days after the second immunization. Antibodies were further affinity-purified with GFP-conjugated Affigel 10 gel (BioRad, USA); (2 mg GFP/1 ml gel). After 25 mg of crude g-globulin fraction was applied to 1 ml of the antigen column, the specific antibodies were eluted with 0.1 M glycine-HCl, pH2.5."

Antibody Name: eGFP

Description: This polyclonal targets artificial protein

Target Organism: eGFP

Defining Citation: [PMID:11070189](#)

Antibody ID: AB_2921270

Vendor: Takeshi Kaneko - Kyoto University

Catalog Number: eGFP1

Record Creation Time: 20250820T030505+0000

Record Last Update: 20250820T151812+0000

Ratings and Alerts

No rating or validation information has been found for eGFP.

No alerts have been found for eGFP.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ito T, et al. (2025) Segregated input to thalamic areas that project differently to core and shell auditory cortical fields. iScience, 28(2), 111721.

Ito T, et al. (2023) Convergence of bilateral auditory midbrain inputs on neurons in the auditory thalamus of chicken. The Journal of comparative neurology, 531(1), 170.