

## Living Colors® GFP Monoclonal Antibody

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| Catalog No. | Amount | Lot Number                  |
|-------------|--------|-----------------------------|
| 632375      | 100 µl | Specified on product label. |

### Description

A monoclonal antibody produced by hybridoma cells against recombinant full-length *Aequorea victoria* green fluorescent protein (rGFP). This antibody recognizes wild-type GFP, GFPuv, EGFP, destabilized EGFP variants, EBFP, EYFP, ECFP and both N- and C-terminal fusion proteins containing these GFP variants in bacterial and mammalian cell lysates.

### Recommended Applications & Suggested Dilution

- This antibody is recommended for Western blotting and immunocytochemistry.
- For Western blotting, we suggest using the antibody at a 1:20,000 dilution.

### Package Contents

- 100 µl Living Colors GFP Monoclonal Antibody

### Form

- Affinity-purified monoclonal antibody (mouse IgG1κ isotype) in Phosphate Buffered Saline, pH 7.2, filter-sterilized

### Concentration

- 2 mg/ml

### Storage Conditions

- Store at –20°C.
- Avoid repeated freeze/thaw cycles.

### Shelf Life

- 1 year from date of receipt under proper storage conditions.

### Shipping Conditions

- Domestic: Blue ice (4°C)
- International: Dry ice (–70°C)

### Product User Manuals

User manuals for Clontech products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals).

The following user manual applies to this product:

- Antibodies Protocol Guide (PT3407-1)

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# Certificate of Analysis

Cat. No. 632375

Living Colors® GFP Monoclonal Antibody

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## Quality Control Data

The quality and performance of this lot of Living Colors GFP Monoclonal Antibody was tested by Western blot analysis using lysate made from a HEK 293 cell line stably expressing AcGFP1. After cells were collected and lysed using SDS sample buffer, the lysate (10 µl; equivalent to 35,000 cells) was electrophoresed on a 12% SDS-polyacrylamide gel and transferred to a nitrocellulose membrane. The blot was probed with the Living Colors GFP Monoclonal Antibody (diluted 1:20,000), followed by a secondary goat anti-mouse antibody conjugated to horseradish peroxidase (HRP). The HRP signal was detected by chemiluminescence. A band of approximately 30 kDa corresponding to AcGFP1 was observed in the lane loaded with the AcGFP1 cell lysate. A band of this size was not detected in the lysate of untransfected HEK 293 cells.

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This document has been reviewed and approved by the Clontech Quality Assurance Department.