

Living Colors® Full-Length GFP Polyclonal Antibody

| Catalog No(s). | Amount | Lot Number |
|----------------|--------|-----------------------------|
| 632592 | 100 µl | Specified on product label. |
| 632593 | 20 µl | Specified on product label. |

Description

The Living Colors Full-Length GFP Polyclonal Antibody was raised in a rabbit against recombinant full-length *Aequorea coerulea* green fluorescent protein (rAcGFP1). This antibody recognizes native and denatured forms of AcGFP1 and GFP, as well as N- or C-terminal fusion proteins of AcGFP1 expressed in mammalian cells.

Recommended Applications

- Western blotting

Suggested Dilutions

- We suggest using the antibody at a 1:1,000 dilution.

Package Contents

- 1 tube Living Colors Full-Length GFP Polyclonal Antibody

Form

- Rabbit serum containing 0.04% sodium azide

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

- Dry ice (-70°C)

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Antibodies Protocol Guide (PT3407-1)

Takara Bio USA, Inc.

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|--|---------------------------------|------------------------------|-----------------------------|

Certificate of Analysis

Cat. No(s). 632592 & 632593

Living Colors® Full-Length GFP Polyclonal Antibody

Quality Control Data

The quality and performance of this lot of Living Colors Full-Length GFP Polyclonal Antibody was tested by Western blot analysis using lysate made from an HEK 293 cell line stably expressing AcGFP1. After cells were collected and lysed using SDS sample buffer, the lysate (10 μ l; 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 Full-Length GFP Polyclonal Antibody (diluted 1:1,000), followed by a secondary goat anti-rabbit antibody conjugated to horseradish peroxidase (HRP). The HRP signal was detected by chemiluminescence. A 30 kDa band 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.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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CATALOG NOS.

632592, 632593

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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Takara Bio USA, Inc.

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