

## Living Colors® Full-Length A.v. Polyclonal Antibody

Note: The Full-Length A.v. Polyclonal Antibody (Cat. Nos. 632459 & 632460) is being replaced by the Full-Length GFP Polyclonal Antibody (Cat. Nos. 632592 & 632593). The new antibody provides equivalent performance to the previous antibody.

Catalog No.	Amount	Lot Number
632459	20 µl	Specified on product label.
632460	100 µl	Specified on product label.

### Description

The Living Colors Full-Length A.v. Polyclonal Antibody was raised in a rabbit against recombinant full-length *Aequorea victoria* green fluorescent protein (rGFP). This antibody recognizes native and denatured forms of recombinant EGFP, as well as EGFP, EYFP, ECFP, and AcGFP fusion proteins expressed in mammalian cells.

### Recommended Applications

- Western blotting
- Immunoprecipitation

### Suggested Dilutions

- For Western blotting, we suggest using the antibody at a 1:1,000 dilution.
- For immunoprecipitation, titrate the amount of antibody needed for quantitative recovery of the antigen. As a starting point, we recommend a 1:200 dilution. Analyze the immunoprecipitate by Western blotting with our Living Colors A.v. Monoclonal Antibody (JL-8) (Cat. No. 632380).

### Package Contents

- 1 tube Living Colors Full-Length A.v. Polyclonal Antibody

### Form

- Rabbit serum containing 0.02% 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)

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# Certificate of Analysis

Cat. Nos. 632459 & 632460

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## 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)

## Quality Control Data

The quality and performance of this lot of Living Colors Full-Length A.v. Polyclonal 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 Full-Length A.v. 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 doublet corresponding to AcGFP 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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### CATALOG NO.

632459, 632460

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