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## PRODUCT: Living Colors® Full-Length ZsGreen Polyclonal Antibody

### CATALOG No.

632474

### AMOUNT

100 µl

### DESCRIPTION

The Living Colors Full-Length ZsGreen Polyclonal Antibody was raised in a rabbit against recombinant full-length *Zoanthus* sp. green fluorescent protein (ZsGreen). This antibody recognizes native and denatured forms of ZsGreen as well as fusion proteins containing ZsGreen in bacterial and mammalian cell lysates.

### LOT NUMBER

Specified on product label.

### FORM

Rabbit serum containing 10% glycerol and 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)

### RECOMMENDED APPLICATIONS

This antibody is recommended for Western blotting and immunoprecipitation. For more details on standard protocols, please refer to Ausubel *et. al* (1993).

### SUGGESTED DILUTIONS

- For Western blotting, we suggest using the antibody at a 1:1,000 dilution.
- For immunoprecipitation, we suggest titrating the amount of antibody needed for quantitative recovery of the antigen. As a starting point, we recommend a 1:100 dilution.

### PACKAGE CONTENTS

- 1 tube Living Colors Full-Length ZsGreen Polyclonal Antibody

### FOR RESEARCH USE ONLY

### QUALITY CONTROL DATA

The quality and performance of this lot of Living Colors Full-Length ZsGreen Polyclonal Antibody was tested by Western blot analysis using lysate made from an HEK 293 cell line stably expressing ZsGreen. 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 ZsGreen 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 band of approximately 30-35 kDa corresponding to ZsGreen was observed in the lane loaded with the ZsGreen cell lysate. A band of this size was not detected in the lysate of untransfected HEK 293 cells.

### REFERENCES

1. Ausubel, F. M., *et al.*, Eds. (1993) *Current Protocols in Molecular Biology* (John Wiley & Sons, NJ).



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