

Living Colors® DsRed Polyclonal Antibody

Catalog No.

632496

Amount

100 µl

Lot Number

Specified on product label.

Description

The Living Colors DsRed Polyclonal Antibody has been raised against DsRed-Express, a variant of *Discosoma sp.* red fluorescent protein. This antibody recognizes DsRed-Express, DsRed-Express2, mCherry, DsRed2, E2-Crimson, tdTomato, mStrawberry, and mBanana, and both N- and C-terminal fusion proteins containing these fluorescent proteins in mammalian cell lysates.

Recommended Applications

- This antibody is recommended for Western blotting.

Suggested Dilutions

- For Western blotting, we suggest using the antibody at a 1:1,000 dilution.

Package Contents

- 100 µl Living Colors DsRed Polyclonal Antibody

Form

- Rabbit serum containing polyclonal antibody in antibody dilution buffer (PBS, 20% glycerol, 0.04% NaN₃)

Source

- Rabbit (Rabbit ID: 1510004)

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

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. No. 632496

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Quality Control Data

The quality and performance of this lot of Living Colors DsRed Polyclonal Antibody was tested by Western blot analysis. Lysate (10 μ l; equivalent to 35,000 cells) from untransfected HEK 293 cells and lysates (10 μ l; equivalent to 35,000 cells) from HEK 293 cells stably expressing DsRed-Express or AcGFP1 were resolved on a 12% SDS polyacrylamide gel and then transferred to a nitrocellulose membrane. The membrane was probed with the Living Colors DsRed Polyclonal Antibody (diluted 1:1,000), followed by secondary goat anti-rabbit antibody conjugated to horseradish peroxidase. The HRP signal was detected by chemiluminescence. A specific band of approximately 30–38 kDa was observed in the lane loaded with lysate from cells expressing DsRed-Express. No band in this molecular weight range was detected for the lysates of the untransfected HEK 293 cells or the cells expressing AcGFP1.

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

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NOTICE TO PURCHASER:

Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Takara Bio USA, Inc.

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