# Living Colors® DsRed Polyclonal Antibody

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Amount</th>
<th>Lot Number</th>
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<tr>
<td>632496</td>
<td>100 µl</td>
<td>Specified on product label.</td>
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## 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](http://takarabio.com/manuals)

The following documents apply to this product:

- Antibodies Protocol Guide
Quality Control Data

The quality and performance of this lot of Living Colors DsRed Polyclonal Antibody was tested by Western blot analysis. Lysate (10 µl; equivalent to 35,000 cells) from untransfected HEK 293 cells and lysates (10 µl; 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.
Living Colors DsRed Polyclonal Antibody

CATALOG NO.

632496

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