

Living Colors® mCherry Monoclonal Antibody

Catalog No.
632543

Amount
100 µl

Lot Number
Specified on product label.

Description

The Living Colors mCherry Monoclonal Antibody is Protein A-purified and was raised against mCherry. It recognizes mCherry, mOrange, mOrange2, mPlum, and mStrawberry, as well as C- and N-terminal fusions containing these fluorescent proteins. This antibody is recommended for Western blot analysis. For Western blot analysis, we suggest using the antibody at a 1:1,000 dilution.

Package Contents

- 100 µl Living Colors mCherry Monoclonal Antibody

Source

- Mouse

Storage Conditions

- Store at -20°C. Avoid repeated freeze/thaw cycles.

Expiration Date

- Specified on product label.

Storage Buffer

- 20% glycerol, 0.03% ProClin 300 in 1X phosphate-buffered saline (pH 7.2)

Concentration

- 0.5 mg/ml

Shipping Conditions

- Dry ice

Product Documents

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

Quality Control Data

The quality and performance of this lot of Living Colors mCherry Monoclonal Antibody was tested by Western blot analysis. Lysates (10 µl; equivalent to 35,000 cells) from untransfected HEK 293 cells and from HEK 293 cells transiently transfected with a CMV-driven expression vector encoding mCherry was resolved on a 12% SDS polyacrylamide gel and then transferred to a membrane certified for Western blot applications. The membrane was probed with the mCherry Monoclonal Antibody (diluted 1:1,000), followed by a secondary goat anti-mouse antibody conjugated to horseradish peroxidase. The HRP signal was detected by chemiluminescence. A specific band of approximately 30–35 kDa was observed in the lane loaded with the lysate of the transiently transfected HEK 293 cells expressing mCherry. No band in this molecular weight range was detected in the lysate of the untransfected HEK 293 cells.

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

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.com

United States/Canada
800.662.2566
(052124)

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.565.6999

Living Colors® mCherry Monoclonal Antibody

CATALOG NO.

632543

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.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 83

The Living Colors mCherry Monoclonal Antibody has been obtained from National University of Shimane.

TRADEMARKS:

©2024 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.com

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

+33.(0)1.3904.6880

Japan

+81.(0)77.565.6999

5/21/2024