

Living Colors® mCherry Monoclonal Antibody

Catalog No(s).

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.

Recommended Applications & Suggested Dilution

- 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

Form

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

Source

- Mouse

Concentration

- 0.5 mg/ml

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 Clontech products are available for download at www.clontech.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.

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STATEMENT 83

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

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