

DmrB Monoclonal Antibody

Catalog No(s).	Amount	Lot Number
635090	100 ug	Specified on product label.

Description

The DmrB Monoclonal Antibody recognizes DmrB-tagged fusion proteins expressed using any iDimerize™ Inducible Homodimer System. The isotype of this mouse monoclonal antibody is IgG1 Kappa.

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 µg DmrB Monoclonal Antibody

Form

- 20% Glycerol, 0.03% ProClin 300 in PBS, pH 7.2

Concentration

- 0.5 µg/µl

Storage Conditions

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

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

The following documents apply to this product:

- Antibodies Protocol Guide
- iDimerize Inducible Homodimer System User Manual
- Lenti-X iDimerize Inducible Homodimer System User Manual

Clontech Laboratories, Inc.

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Quality Control Data

The quality and performance of this lot of DmrB Monoclonal Antibody was tested by Western blot analysis. Lysates (10 μ l; equivalent to 100,000 cells) from untransfected HEK 293 cells and lysates (10 μ l; equivalent to 100,000 cells) from HEK 293 cells transiently transfected with a CMV driven expression vector encoding AcGFP1-DmrB-DmrB were resolved on a 12% SDS polyacrylamide gel and then transferred to a nitrocellulose membrane. The membrane was probed with the DmrB Monoclonal Antibody (diluted 1:1,000), followed by secondary goat anti-mouse antibody conjugated to horseradish peroxidase (HRP). The HRP signal was detected by chemiluminescence. A major band or band-doublet at approximately ~50 kDa was observed in the lanes loaded with lysates from cells expressing AcGFP1-DmrB-DmrB. No band in this molecular weight range was detected for the lysates of the untransfected HEK 293 cells. A 12kDa band (representing endogenous FKBP) may appear at longer exposure times.

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