

## DmrB Monoclonal Antibody

<b>Catalog No.</b> 635090	<b>Amount</b> 100 µg	<b>Lot Number</b> Specified on product label.
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### 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. 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

### 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 PBS, pH 7.2

### Concentration

- 0.5 µg/µl

### Shipping Conditions

- Dry ice

### 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
- iDimerize Inducible Homodimer System User Manual
- iDimerize Inducible Homodimer System (with Tet-On 3G) User Manual
- Lenti-X iDimerize Inducible Homodimer System User Manual
- Lenti-X iDimerize Inducible Homodimer System (with Tet-On 3G) User Manual

### Quality Control Data

The quality and performance of the DmrB Monoclonal Antibody was tested by Western blot analysis. Lysates (10 µl; equivalent to 100,000 cells) from untransfected HEK 293 cells and lysates (10 µl; equivalent to 100,000 cells) from HEK 293 cells transiently transfected with a CMV driven expression vector encoding AcGFP1-DmrB-DmrB were resolved on

# Certificate of Analysis

Cat. No. 635090

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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 12 kDa band (representing endogenous FKBP) may appear at longer exposure times.

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

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### CATALOG NO.

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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.

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#### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto: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

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