

GAL4 DNA-BD Monoclonal Antibody

Catalog No.

630403

Amount

25 µg

Lot Number

Specified on product label.

Description

Monoclonal antibody (mAb) that specifically binds to the DNA-binding domain (BD) (a.a. 1–147) of the yeast GAL4 protein. The mAb (isotype IgG1,_κ) was purified from the serum-free medium of a mouse hybridoma culture. This amount of GAL4 DNA-BD mAb is sufficient to probe ten 50 cm² Western mini-blot.

Package Contents

- 25 µg GAL4 DNA-BD Monoclonal Antibody in storage buffer

Storage Conditions

- Aliquot upon arrival and store at 4°C.

Expiration Date

- Specified on product label.

Concentration

- 1 µg/µl

Shipping Conditions

- Blue ice

Product Documents

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

The following documents apply to this product:

- Matchmaker Monoclonal Antibodies User Manual
- Antibodies Protocol Guide

Quality Control Data

Purity

SDS/PAGE of the antibody indicated two bands: $M_r = \sim 50$ kDa and ~ 25 kDa.

Functionality Test

Purified Gal4 DNA BD peptide was electrophoresed on an SDS/12% polyacrylamide mini-gel. Blots were probed using 5 ml of the Gal4 DNA-BD mAb (0.5 µg/ml) and an HRP-conjugated Goat anti-mouse IgG as the secondary antibody. Signals were visualized using a chemiluminescent detection system followed by an exposure to x-ray film, as described in the user manual. A single band of the expected molecular weight containing less than 10 ng of protein was observed.

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

Takara Bio USA, Inc.

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