

GAL4 DNA-BD Monoclonal Antibody

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Catalog No.	Amount	Lot Number
630403	25 µg	1104308A

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.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Concentration

- 3 µg/µl

Shipping Conditions

- Blue ice (4°C)

Product User Manuals

User manuals for Clontech products are available for download at www.clontech.com/manuals.

The following user manuals apply to this product:

- Matchmaker Monoclonal Antibodies User Manual (PT1029-1)
- Yeast Protocols Handbook (PT3024-1)
- Antibodies Protocol Guide (PT3407-1)

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Certificate of Analysis

Cat. No. 630403

GAL4 DNA-BD Monoclonal Antibody

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 μ g/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.

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This document has been reviewed and approved by the Clontech Quality Assurance Department.

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