

GAL4 AD Monoclonal Antibody

Catalog No. 630402	Amount 25 µg	Lot Number Specified on product label.
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Description

Monoclonal antibody (mAb) that specifically binds to the major activation domain (AD) (a.a. 768–881) of the yeast GAL4 protein. The mAb (isotype IgG2b,_κ) was purified from the serum-free medium of a mouse hybridoma culture. This amount of GAL4 AD mAb is sufficient to probe ten 50-cm² Western mini-blots.

Package Contents

- 25 µg GAL4 AD 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

- 1 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)
- Antibodies Protocol Guide (PT3407-1)

Quality Control Data

Purity

SDS/PAGE of the antibody indicated two bands: $M_r = 56$ kDa and 28.6 kDa.

Functionality Test

Purified GAL4 AD peptide was electrophoresed on an SDS/12% polyacrylamide mini-gel. Blots were probed using 5 ml of diluted GAL4 AD mAb (0.4 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.

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