

# Anti-TAR DNA binding protein Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4320**

## Aliases

TARDBP; TAR DNA Binding Protein; TDP-43; ALS10; TAR DNA-Binding Protein 43; TAR DNA-Binding Protein-43; TDP43

## Background

Gene Name: TARDBP

NCBI Gene Entry: [23435](#)

UniProt Entry: [Q13148](#)

## Application Information

Molecular Weight: Predicted, 45 kDa; observed, 45 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10630

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human TDP43

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

## Validation Data

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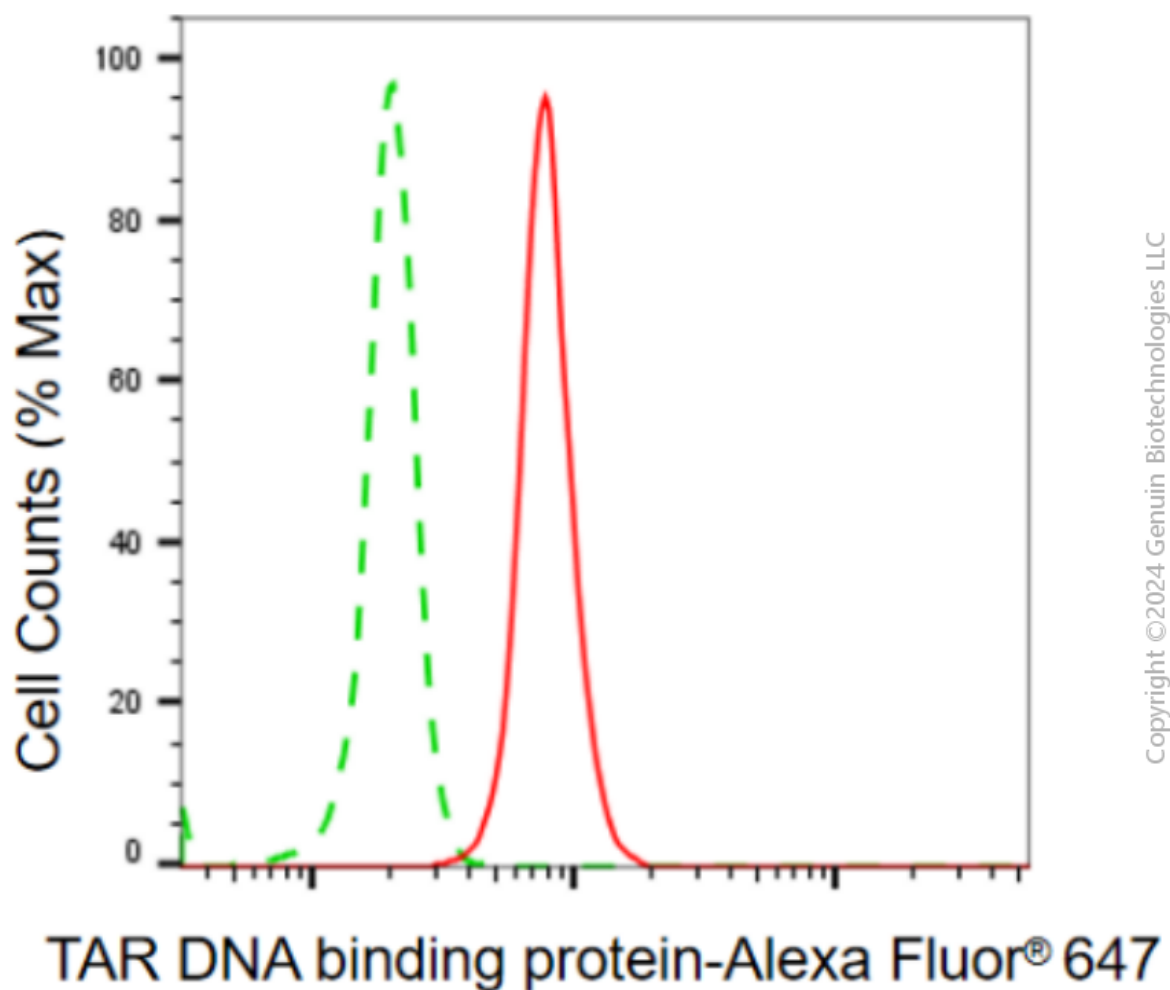
### SUPPORT

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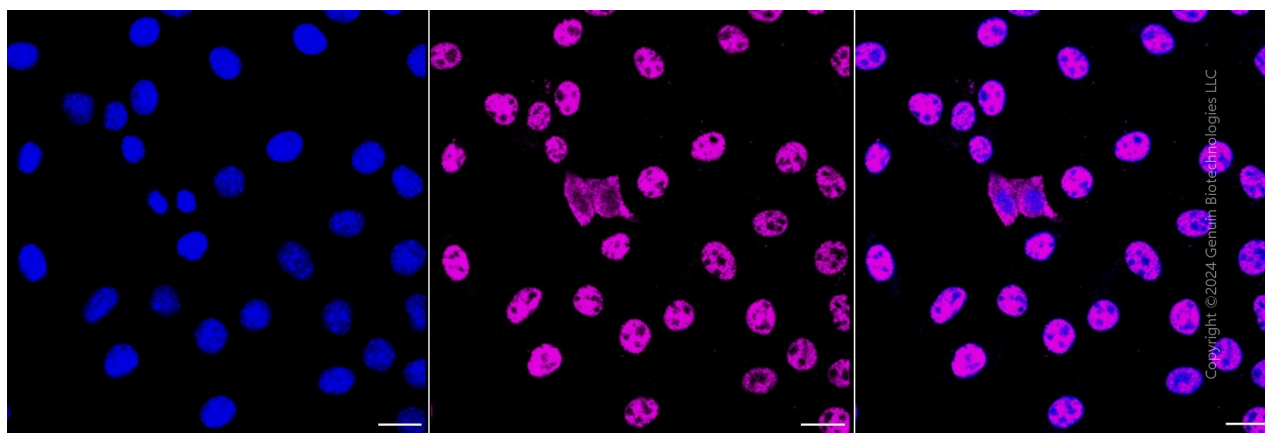
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Flow cytometric analysis of TAR DNA binding protein expression in C2C12 cells using anti-TAR DNA binding protein antibody (Cat#4320, 1:2,000). Green, isotype control; red, TAR DNA binding protein.

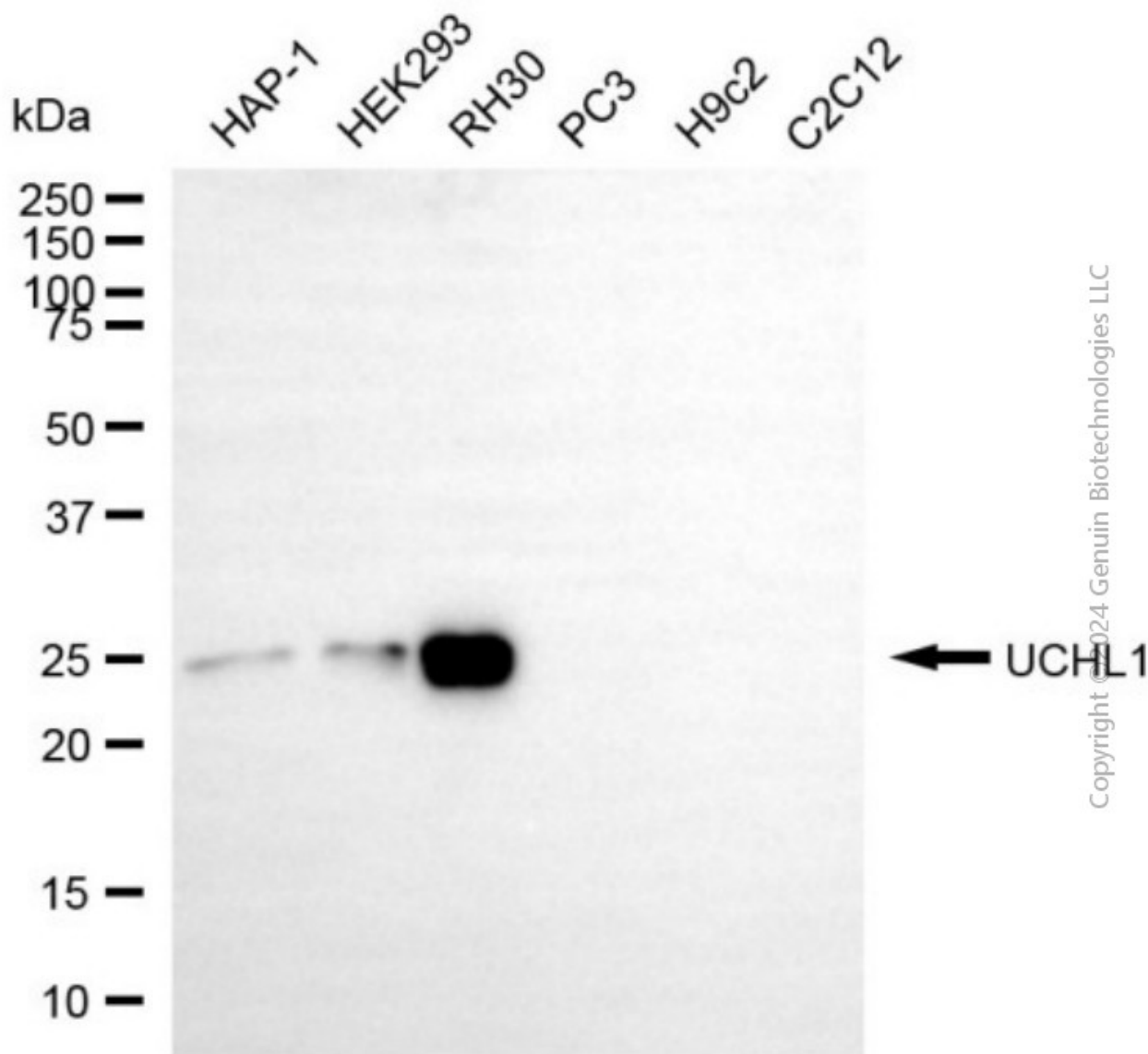


Immunocytochemical staining of C2C12 cells with anti-TAR DNA binding protein antibody

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(Cat#4320, 1:1,000). Nuclei were stained blue with DAPI; TAR DNA binding protein was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-TAR DNA binding protein antibody (Cat#4320). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TAR DNA binding protein antibody (Cat#4320, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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