

KD-Validated Anti-Radixin Recombinant Rabbit Monoclonal Antibody



Catalog #: 62564

Aliases

RDX; Radixin; DFNB24; Deafness, Autosomal Recessive 24

Background

Gene Name: RDX

NCBI Gene Entry: [5962](#)

UniProt Entry: [P35241](#)

Application Information

Molecular Weight: Predicted, 69 kDa, observed, 75 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1420

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Radixin

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): 1:2,000-1:10,000

Flow Cytometry (FCM): 1:2,000

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

Note: This product is for research use only.

Validation Data

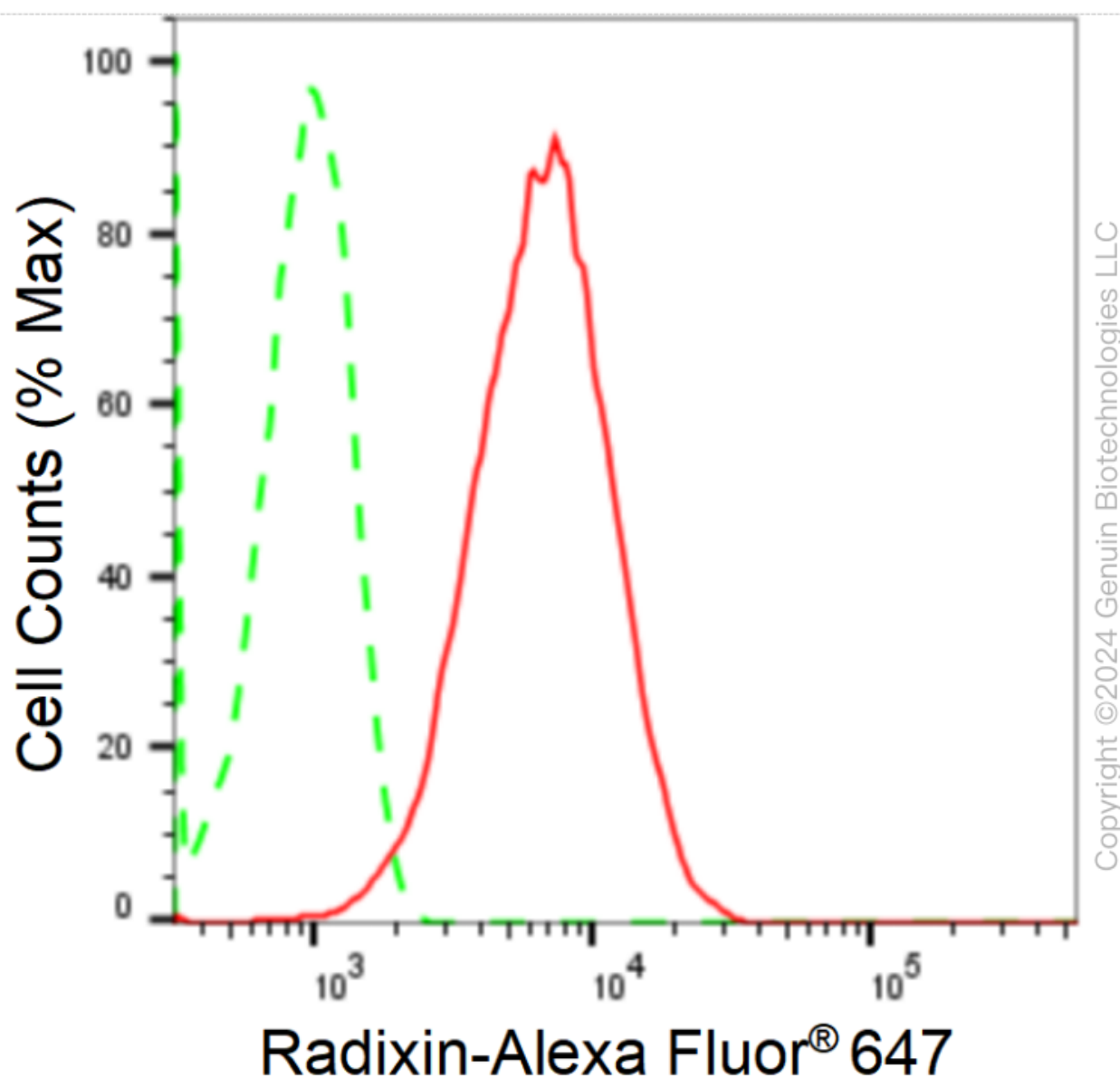
SUPPORT

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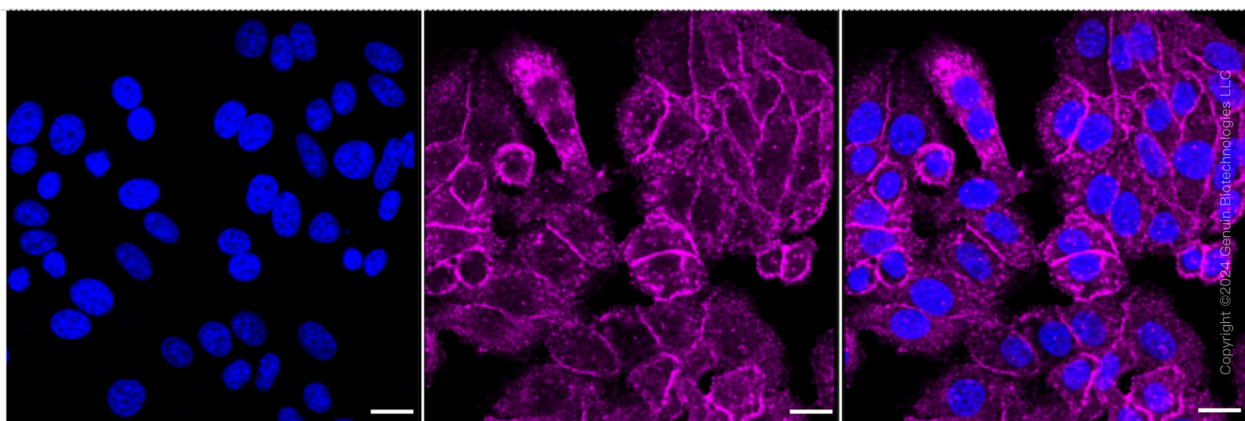
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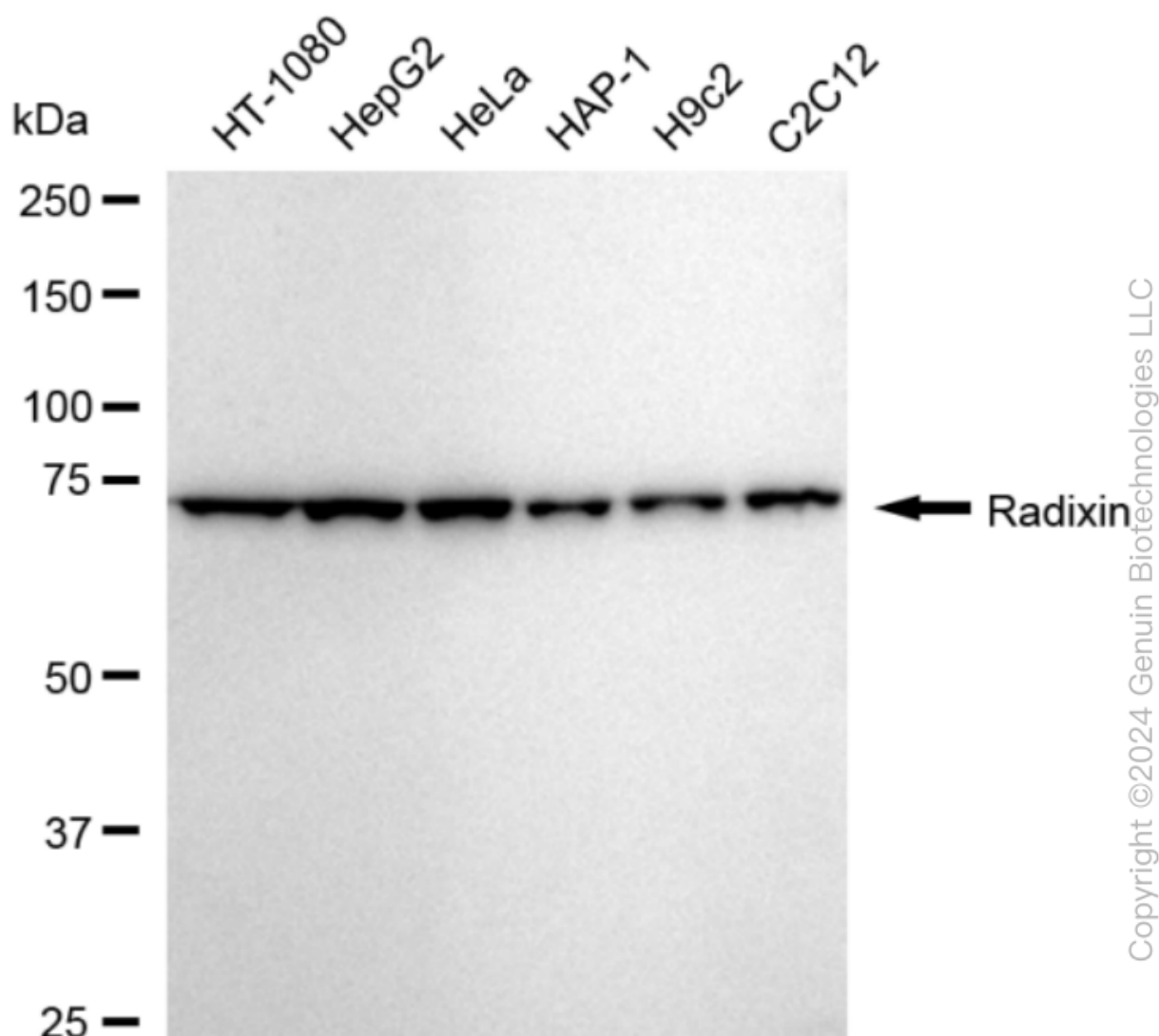
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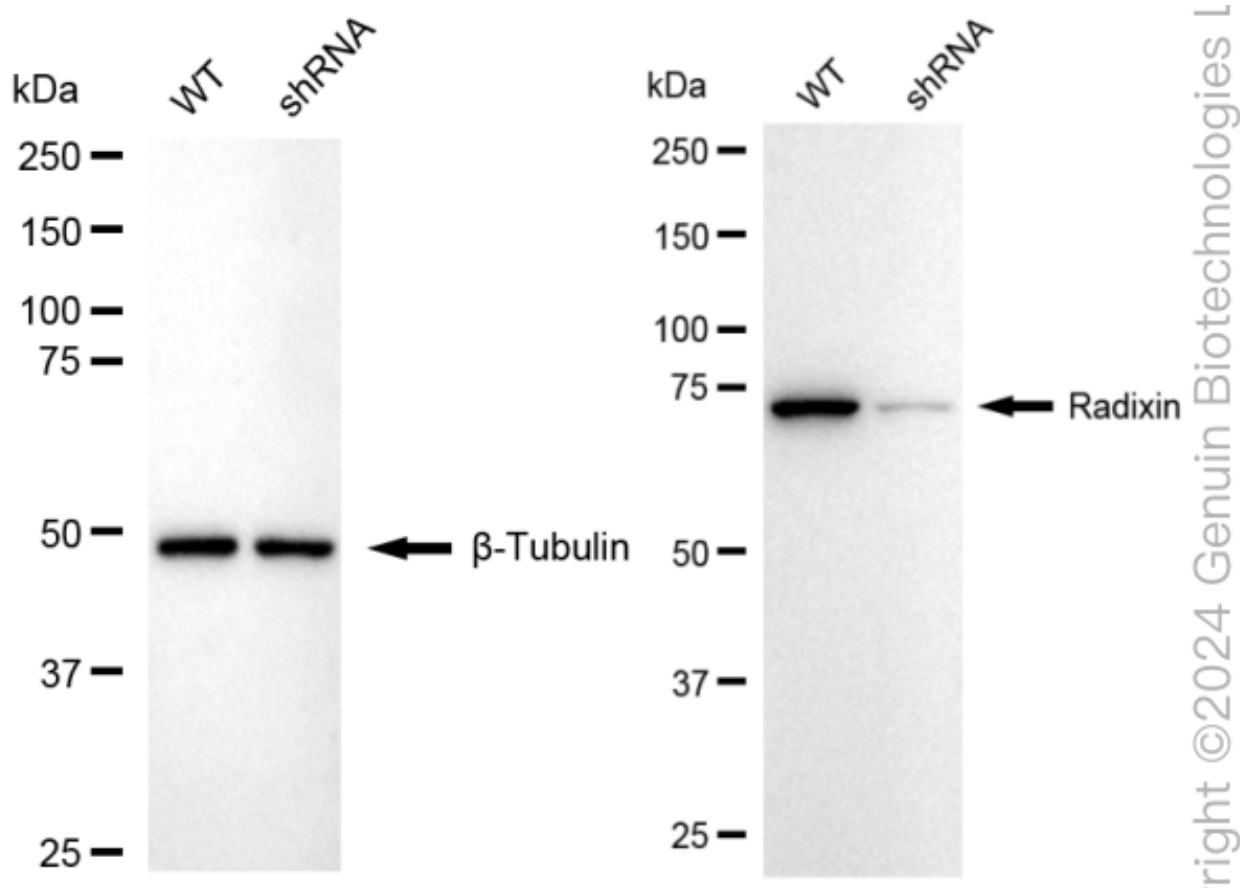
Flow cytometric analysis of Radixin expression in HepG2 cells using anti-Radixin antibody (Cat#62564, 1:2,000). Green, isotype control; red, Radixin.



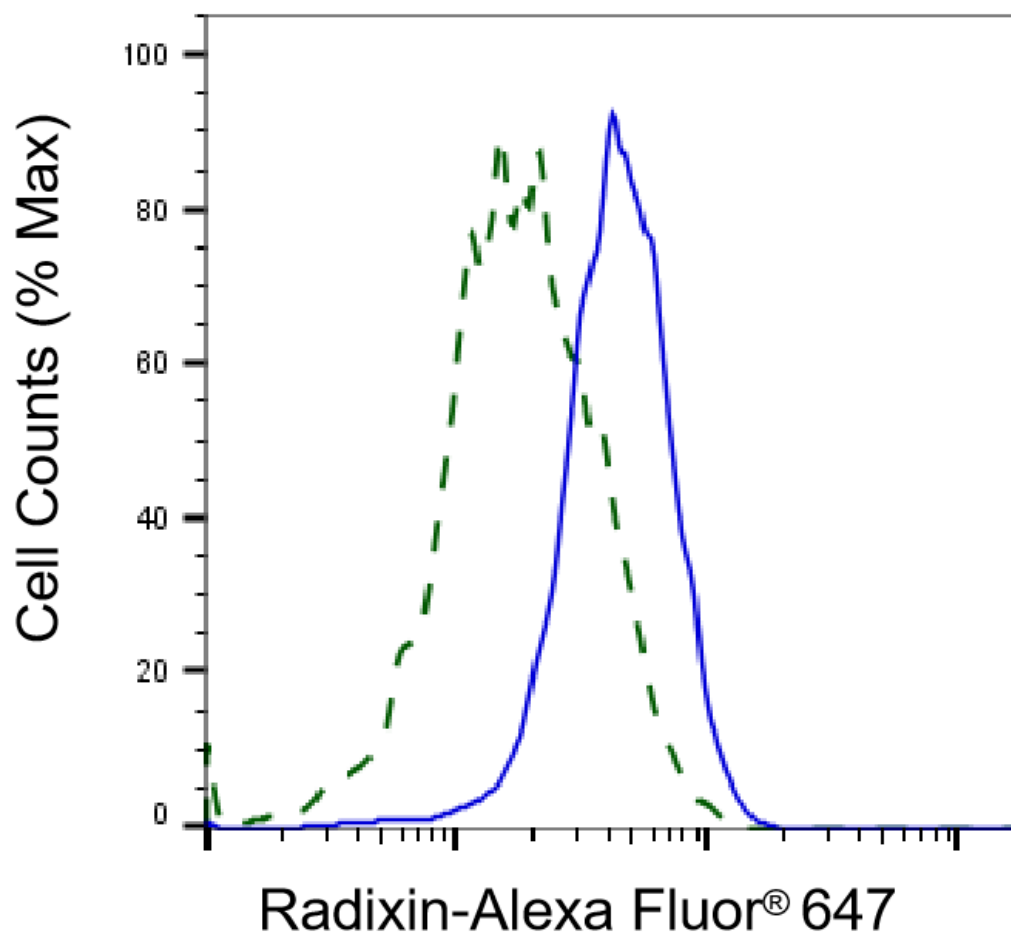
Immunocytochemical staining of HepG2 cells with anti-Radixin antibody (Cat#62564, 1:1,000). Nuclei were stained blue with DAPI; Radixin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-Radixin antibody (Cat#62564). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Radixin antibody (Cat#62564, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-Radixin antibody (Cat#62564). Radixin expression in wild type (WT) and Radixin shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Radixin antibody (Cat#62564, 1:10,000) 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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Validation of Radixin knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-Radixin antibody (Cat#62564, 1:2,000) and analyzed using BD flow cytometer.