10320 Camino Santa Fe, Suite G
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KD-Validated Anti-Radixin Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1680

Specification

KD-Validated Anti-Radixin Rabbit Monoclonal Antibody - Product Information

Application	**WB, FC, ICC**
Primary Accession	P35241
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Isotype	**Rabbit IgG**
Calculated MW	**Predicted, 69 kDa , observed, 75 kDa KDa**
Gene Name	**RDX**
Aliases	**RDX; Radixin; DFNB24; Deafness, Autosomal Recessive 24**
Immunogen	**A synthesized peptide derived from human Radixin**

KD-Validated Anti-Radixin Rabbit Monoclonal Antibody - Additional Information

Gene ID	**5962**

Other Names
Radixin, RDX

KD-Validated Anti-Radixin Rabbit Monoclonal Antibody - Protein Information

Name RDX

Function
Probably plays a crucial role in the binding of the barbed end of actin filaments to the plasma membrane.

Cellular Location
Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton. Cleavage furrow. Cell projection, microvillus {ECO:0000250|UniProtKB:P26043}. Cell projection, stereocilium {ECO:0000250|UniProtKB:P26043}. Note=Enriched at the stereocilium base with very low levels in the shaft of stereociliary bundles (By similarity). Highly concentrated in the undercoat of the cell-to-cell adherens junction and the cleavage furrow in the interphase and mitotic phase, respectively {ECO:0000250|UniProtKB:P26043}

KD-Validated Anti-Radixin Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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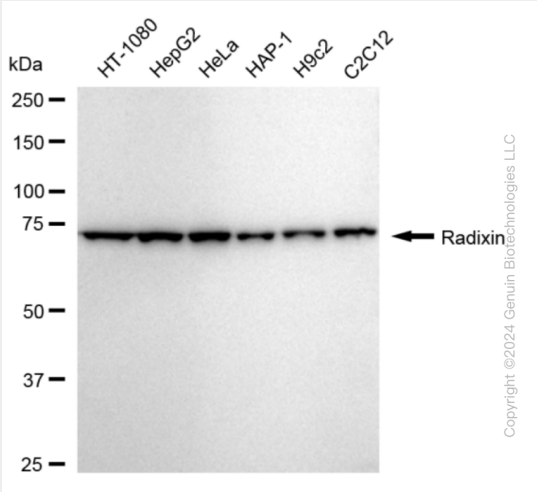
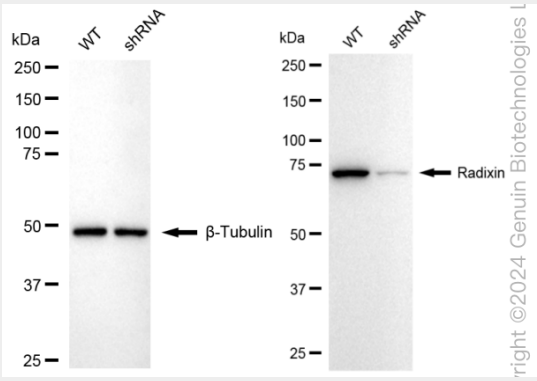
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-Radixin Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-Radixin antibody (Cat#AGI1680). 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#AGI1680, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Radixin antibody (Cat#AGI1680). 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#AGI1680, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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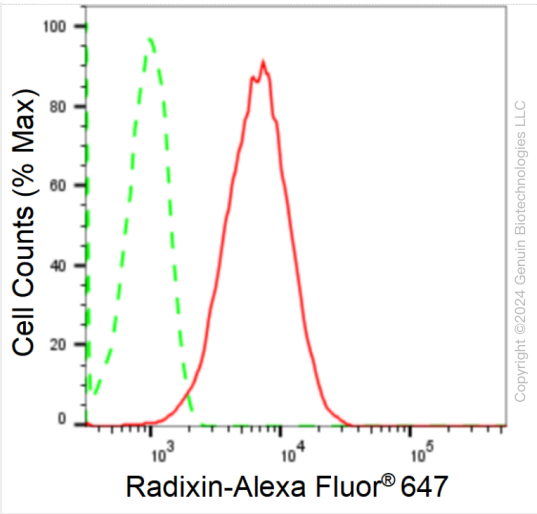
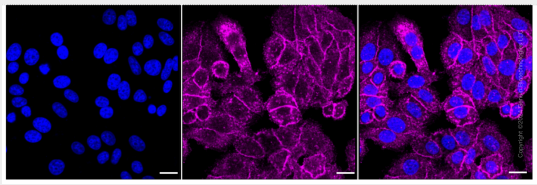


Flow cytometric analysis of Radixin expression in HepG2 cells using anti-Radixin antibody (Cat#AGI1680, 1:2,000). Green, isotype control; red, Radixin.



Immunocytochemical staining of HepG2 cells with anti-Radixin antibody (Cat#AGI1680, 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 µm.