

KD-Validated Anti-Sorting Nexin 4 Recombinant Rabbit Monoclonal Antibody



Catalog #: 62812

Aliases

SNX4; Sorting Nexin 4; ATG24B; Sorting Nexin-4

Background

Gene Name: SNX4

NCBI Gene Entry: [8723](#)

UniProt Entry: [O95219](#)

Application Information

Molecular Weight: Predicted, 52 kDa, observed, 52 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB2335

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human SNX4

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

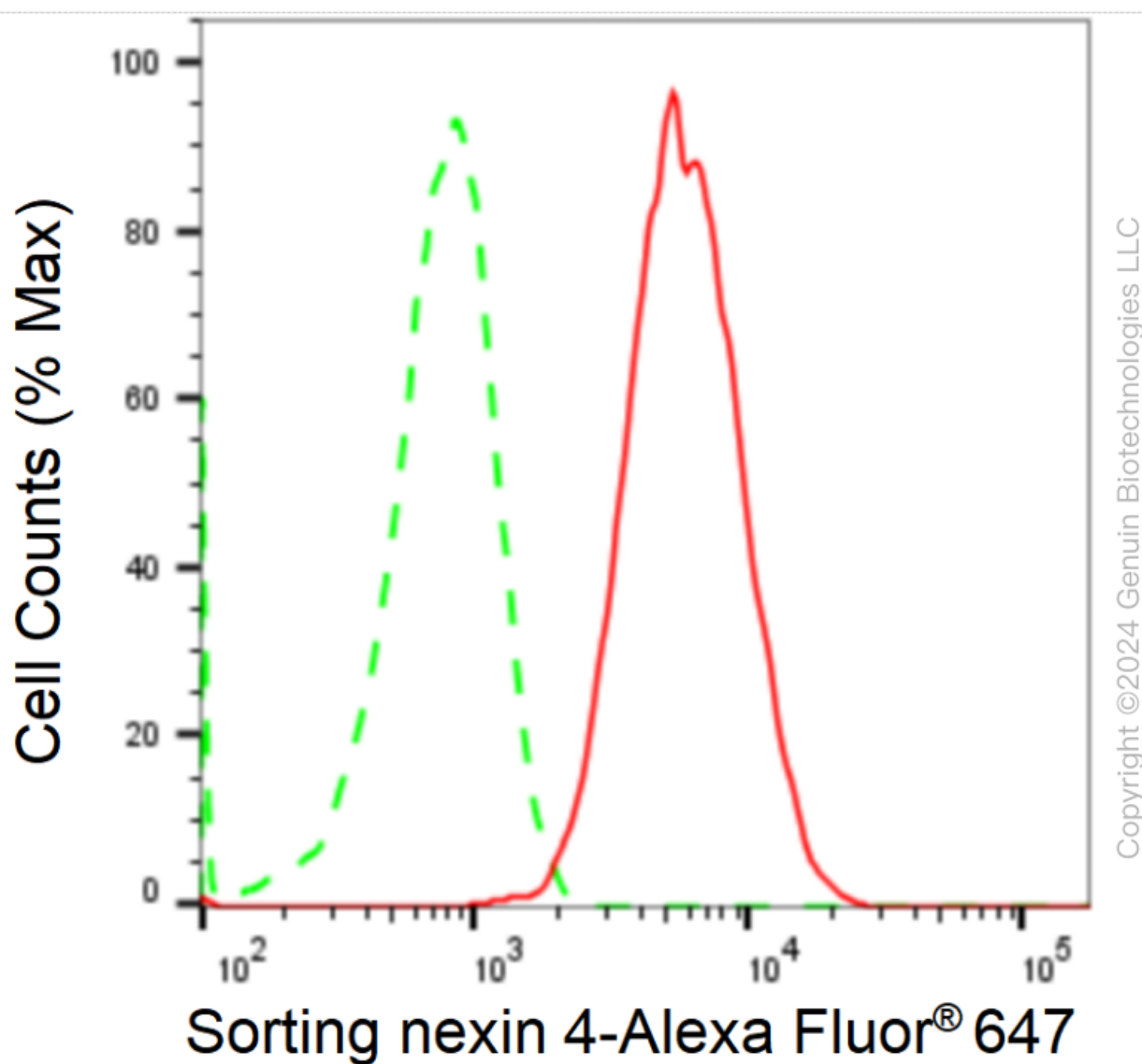
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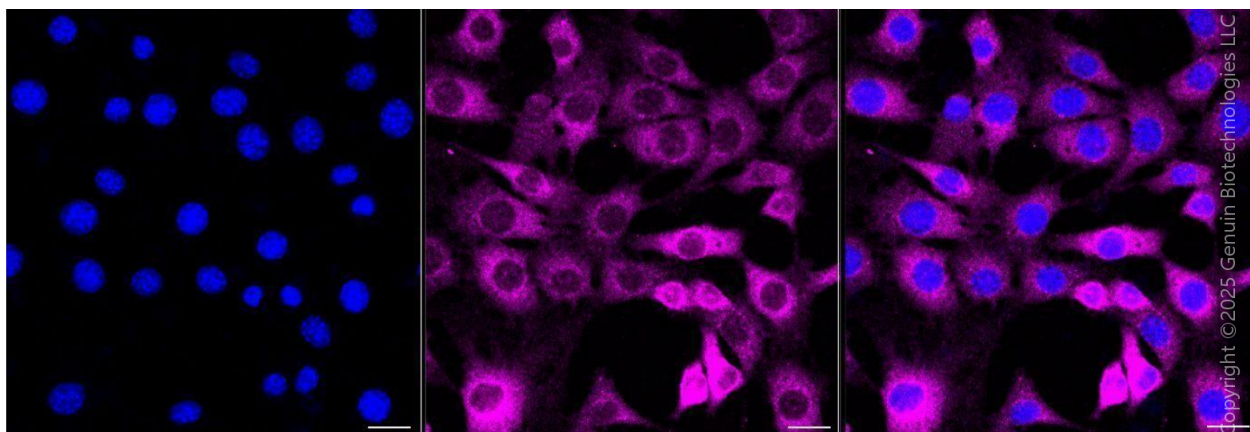
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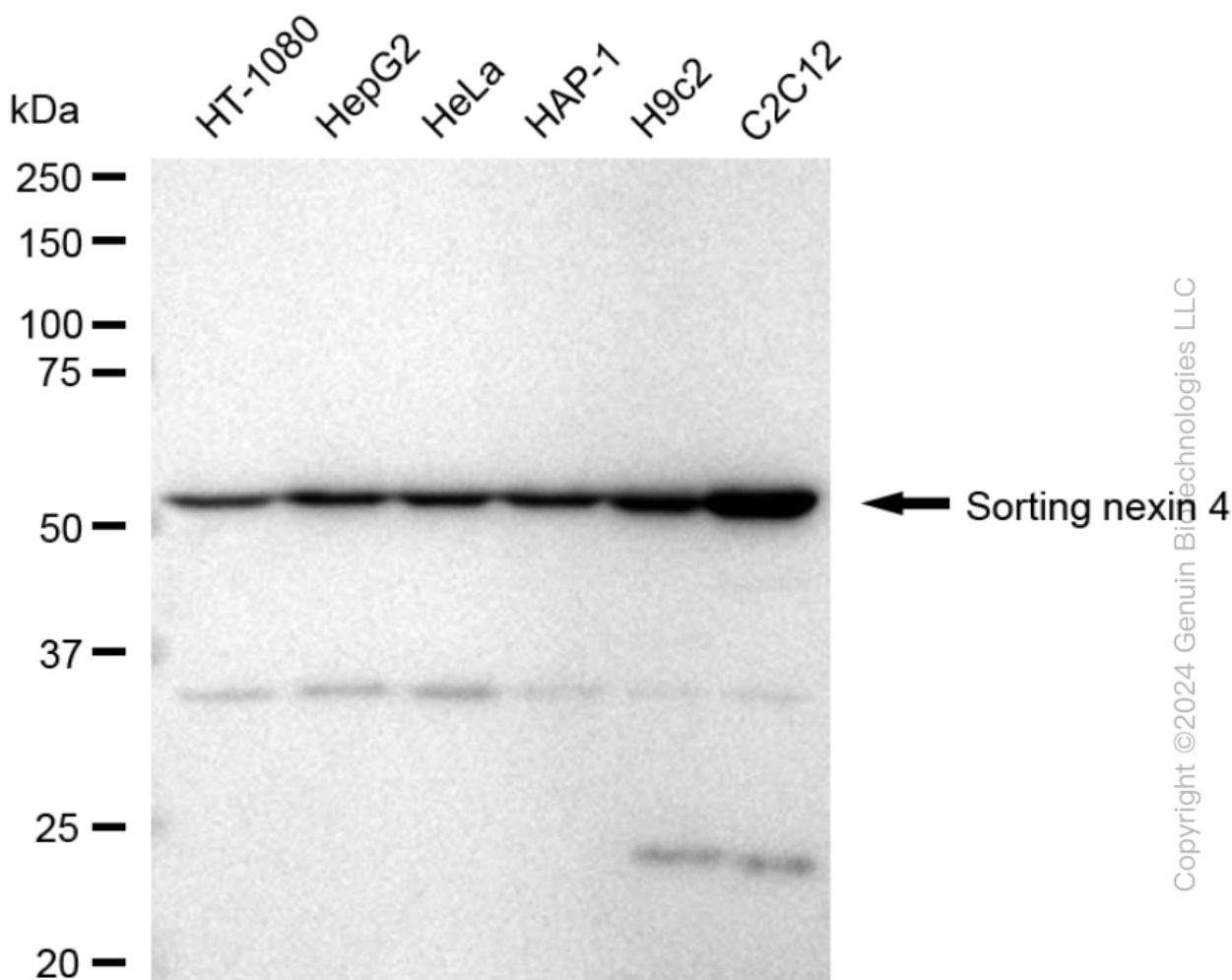
Flow cytometric analysis of Sorting nexin 4 expression in C2C12 cells using anti-Sorting nexin 4 antibody (Cat#62812, 1:2,000). Green, isotype control; red, Sorting nexin 4.



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Immunocytochemical staining of C2C12 cells with anti-Sorting nexin 4 antibody (Cat#62812, 1:1,000). Nuclei were stained blue with DAPI; Sorting nexin 4 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.



Western blotting analysis using anti-sorting nexin 4 antibody (Cat#62812). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-sorting nexin 4 antibody (Cat#62812, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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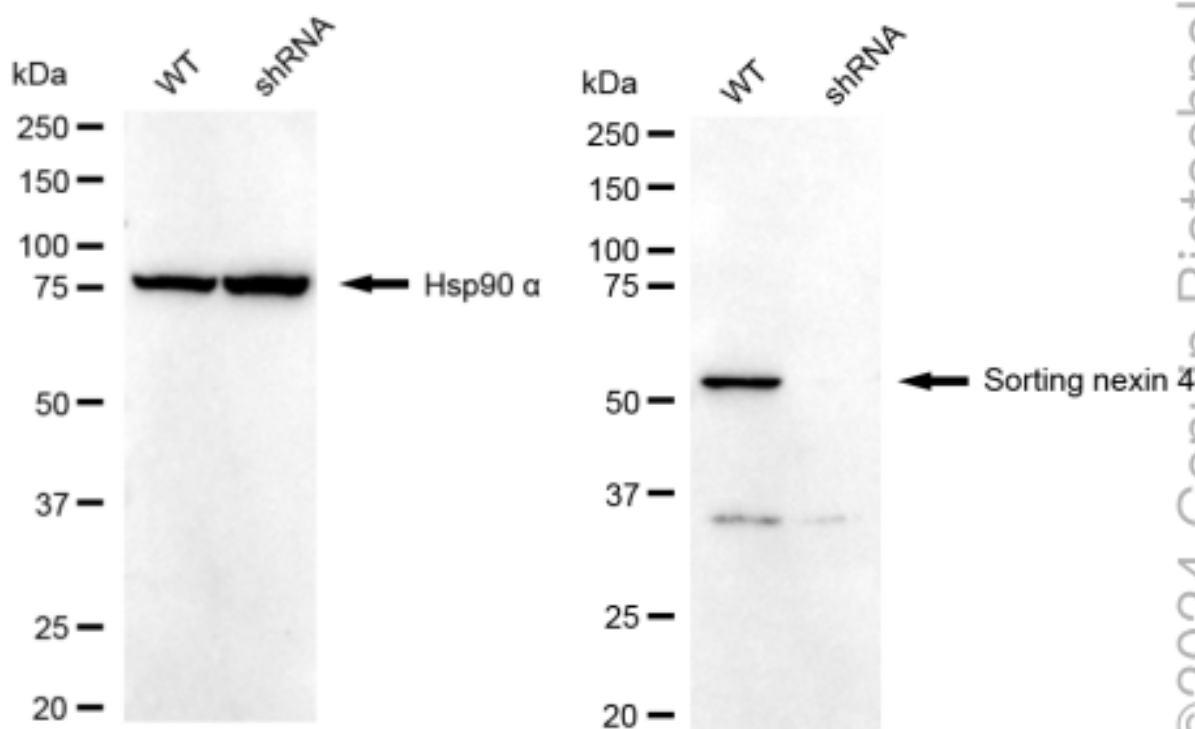
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Western blotting analysis using anti-Sorting nexin 4 antibody (Cat#62812). Sorting nexin 4 expression in wild type (WT) and Sorting nexin 4 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Sorting nexin 4 antibody (Cat#62812, 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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