

Catalog #: 5315

Aliases

FANCB; FA Complementation Group B; FAAP95; FAB; Fanconi Anemia-Associated Polypeptide Of 95 KDa; Fanconi Anemia Complementation Group B; Fanconi Anemia Group B Protein; FLJ34064; Protein FACB; EC 3.6.3.14; EC 2.8.1; FAAP90; FACB; FA2

Background

Gene Name: FANCB

NCBI Gene Entry: [2187](#)

UniProt Entry: [Q8NB91](#)

Application Information

Molecular Weight: Predicted, 98 kDa; observed, 90 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB905

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human FANCB

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

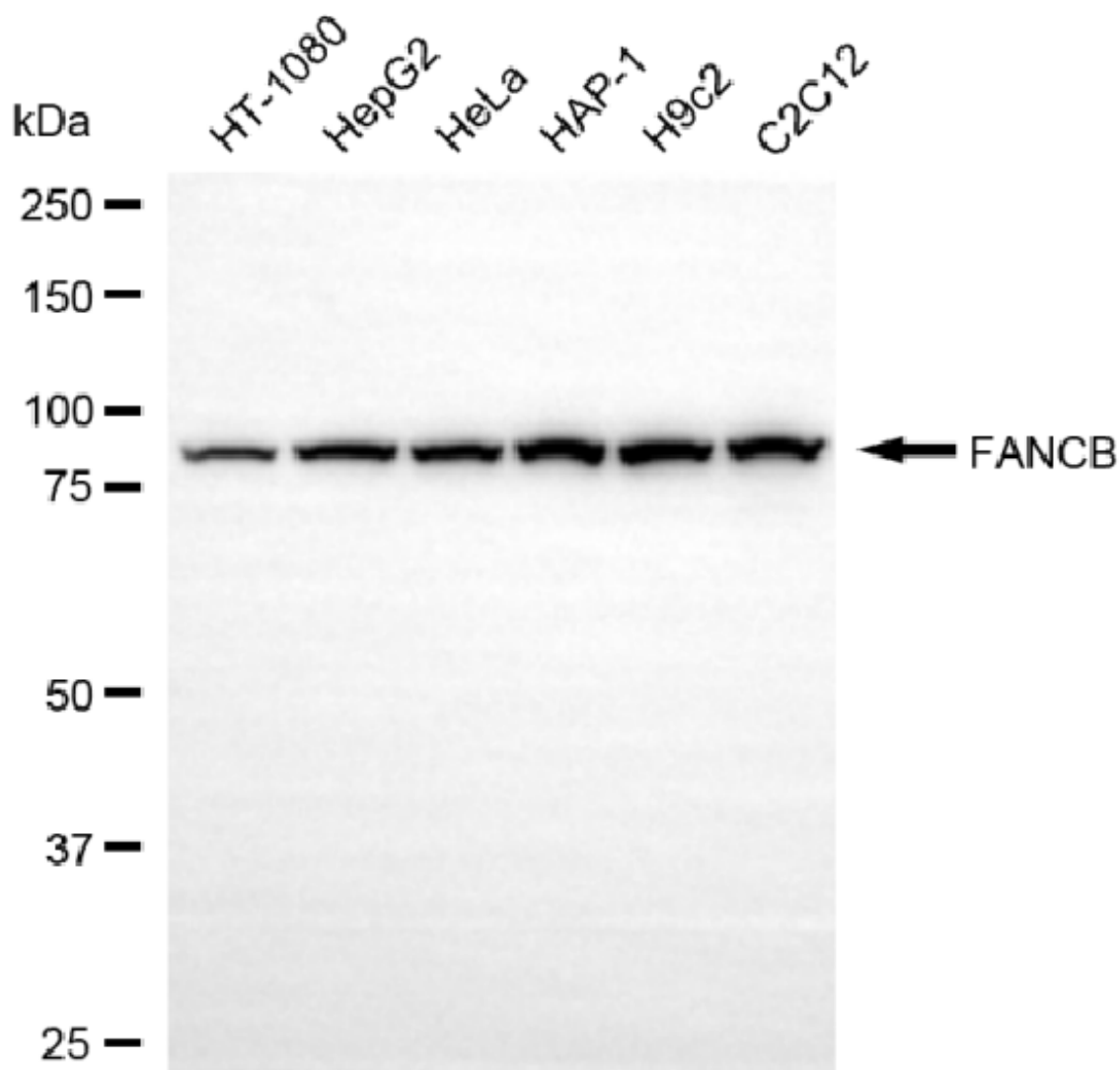
Western Blotting (WB): 1:1,000-1:5,000

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

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data



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Western blotting analysis using anti-FANCB antibody (Cat#5315). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FANCB antibody (Cat#5315, 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).

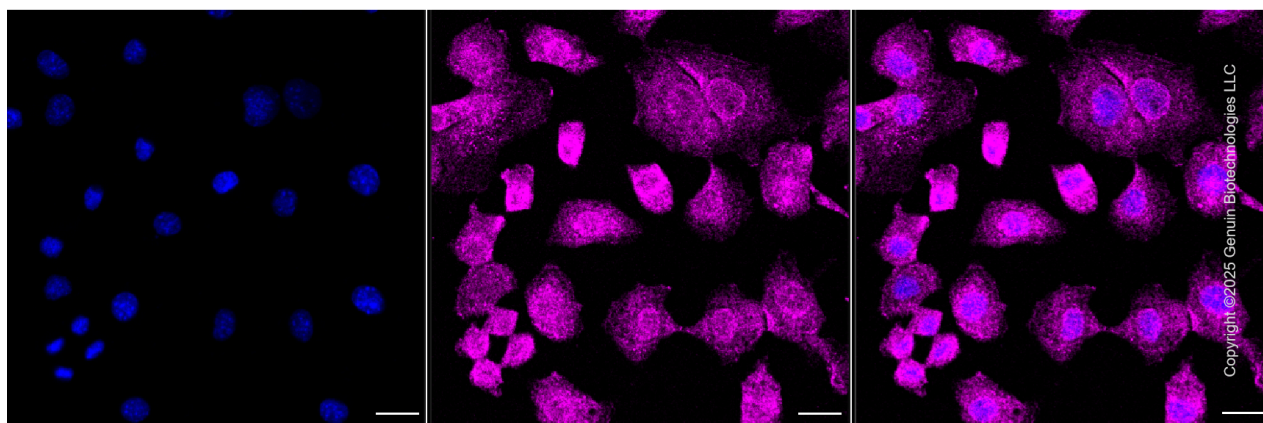
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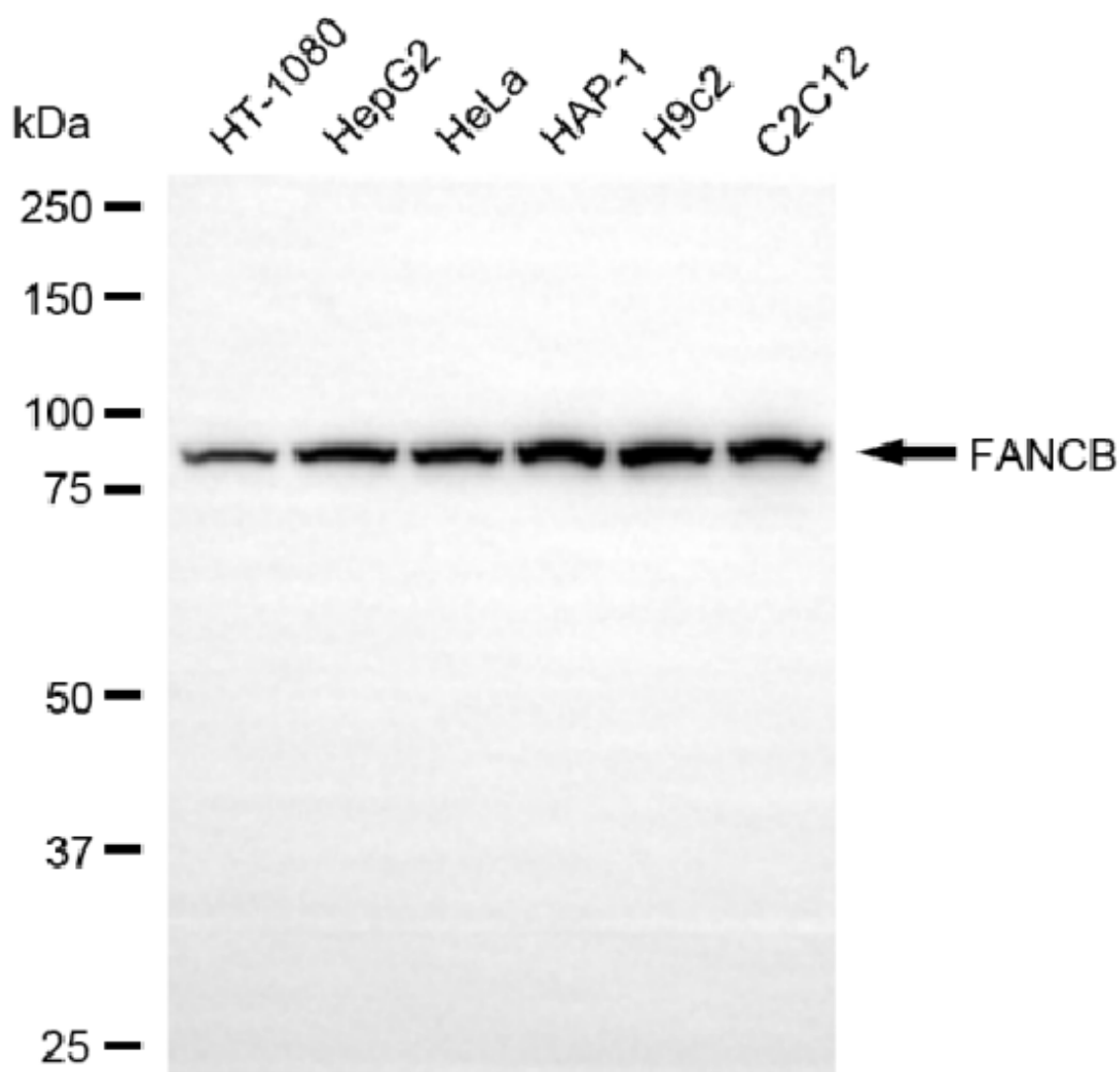
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Immunocytochemical staining of C2C12 cells with anti-FANCB antibody (Cat#5315, 1:1,000) . Nuclei were stained blue with DAPI; FANCB was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.

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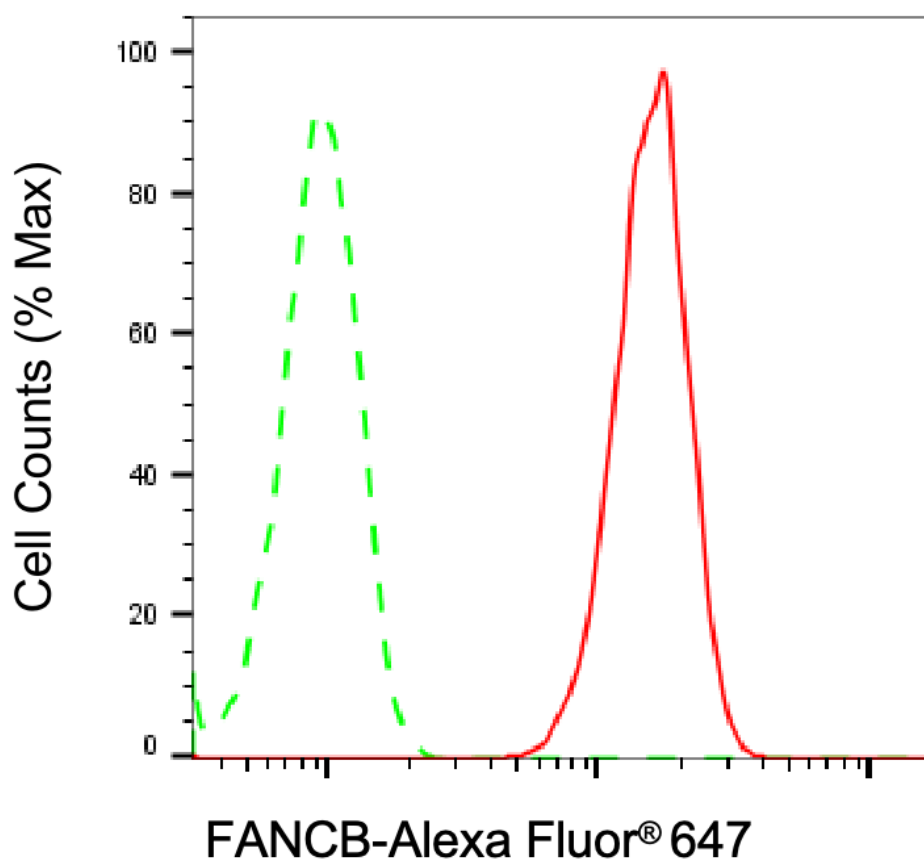
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Flow cytometric analysis of FANCB expression in C2C12 cells using anti-FANCB antibody (Cat#5315, 1:2,000). Green, isotype control; red, FANCB.