

KD-Validated Anti-Kinesin family member 2C Recombinant Rabbit Monoclonal Antibody



Catalog #: 61289

Aliases

KIF2C; Kinesin Family Member 2C; MCAK; CT139; KNSL6; Mitotic Centromere-Associated Kinesin; Kinesin-Like Protein KIF2C; Kinesin-Like Protein 6; Kinesin-Like 6 (Mitotic Centromere-Associated Kinesin); Testis Tissue Sperm-Binding Protein Li 68n

Background

Gene Name: KIF2C

NCBI Gene Entry: [11004](#)

UniProt Entry: [Q99661](#)

Application Information

Molecular Weight: Predicted, 81 kDa; observed, 81 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2115

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human MCAK

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.

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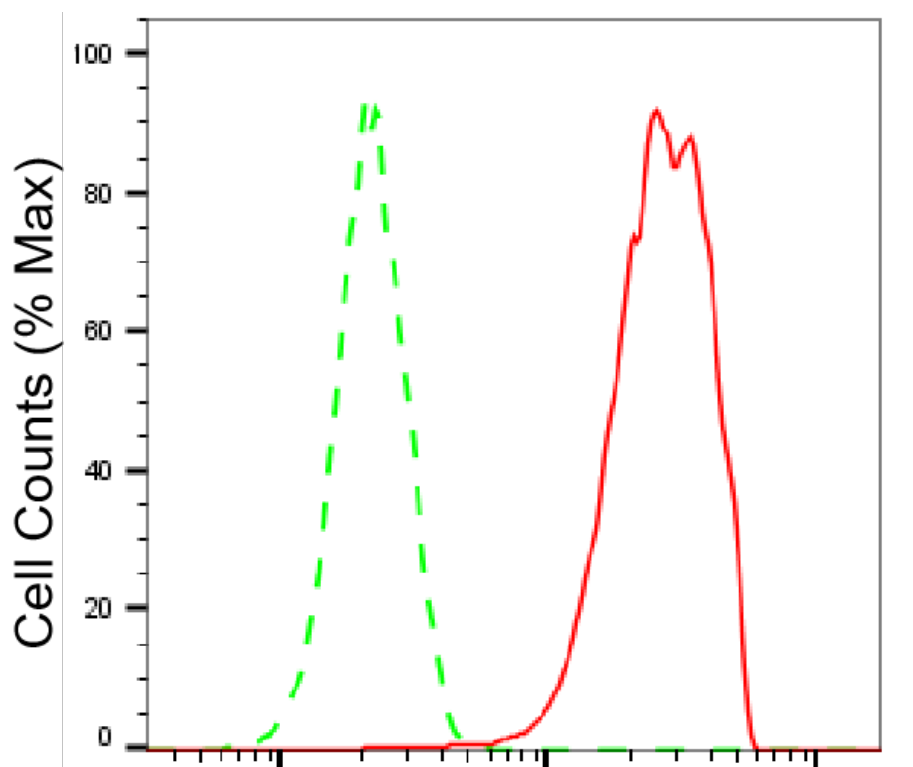
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Validation Data



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Kinesin family member 2C-Alexa Fluor® 647

Flow cytometric analysis of Kinesin family member 2C expression in HAP-1 cells using Kinesin family member 2C antibody (Cat#61289, 1:2,000). Green, isotype control; red, Kinesin family member 2C.



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Immunocytochemical staining of HAP-1 cells with anti-Kinesin family member 2C antibody (Cat#61289, 1:1,000). Nuclei were stained blue with DAPI; Kinesin family member 2C 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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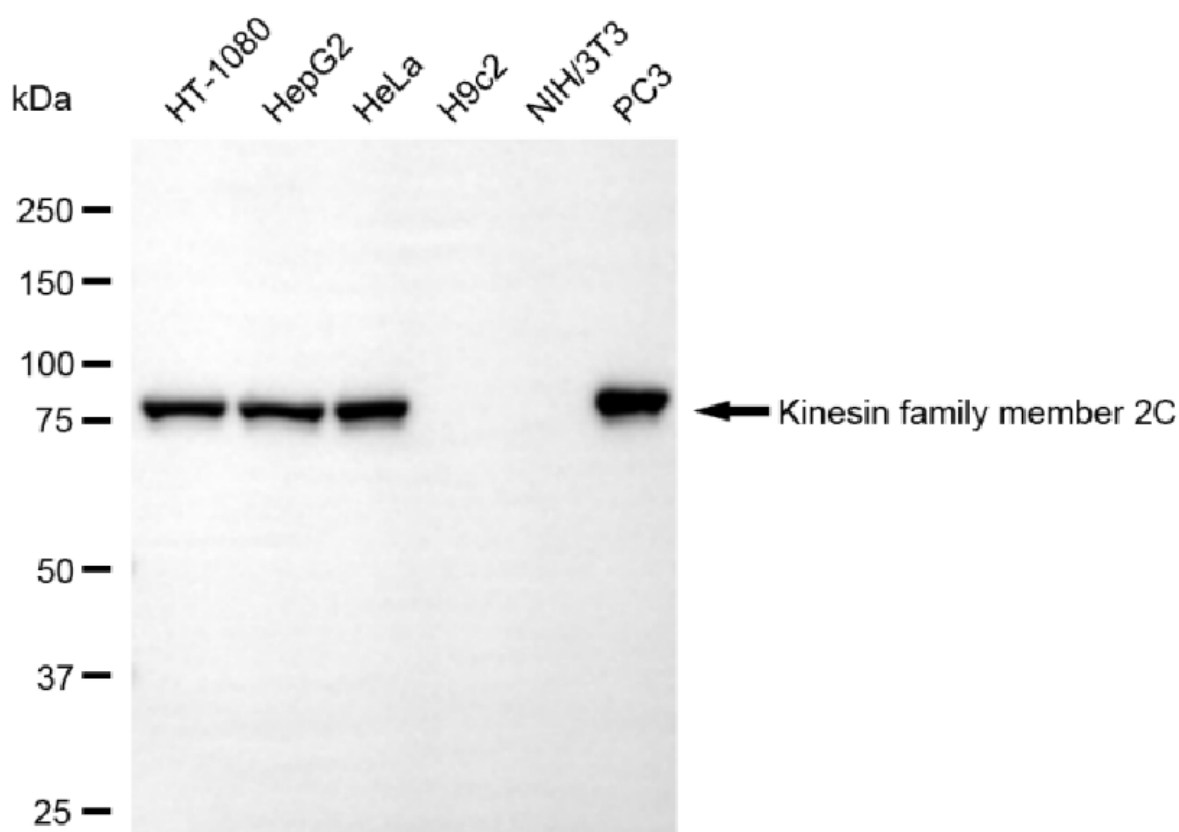
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Western blotting analysis using anti-kinesin family member 2C antibody (Cat#61289). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-kinesin family member 2C antibody (Cat#61289, 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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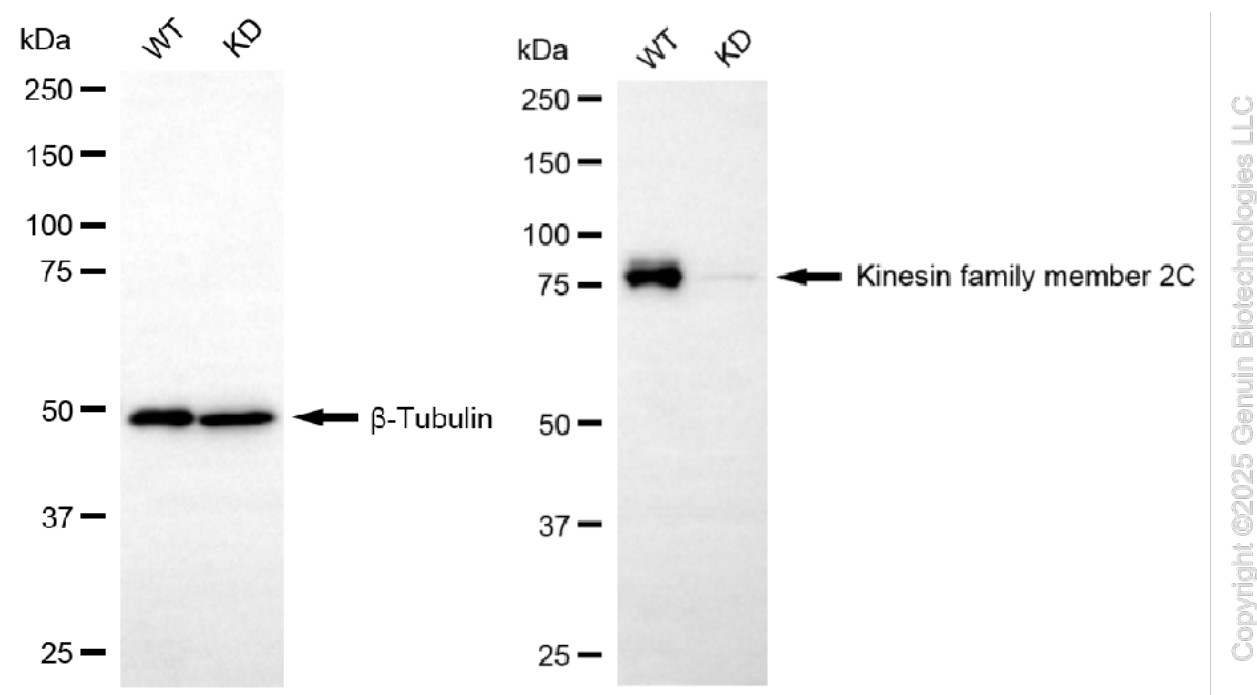
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Western blotting analysis using anti-kinesin family member 2C antibody (Cat#61289). Kinesin family member 2C expression in wild-type (WT) and kinesin family member 2C (KIF2C) knockdown (KD) 293T cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-kinesin family member 2C antibody (Cat#61289, 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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