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[KD-Validated] Anti-Kinesin family member 5B Rabbit Monoclonal Antibody

Cat No.: KD-10531

Aliases:

KIF5B; Kinesin Family Member 5B; UKHC; KNS; Ubiquitous Kinesin Heavy Chain; KNS1; Conventional Kinesin Heavy Chain; Kinesin-1 Heavy Chain; Epididymis Secretory Protein Li 61; Kinesin 1 (110-120kD); Kinesin Heavy Chain; HEL-S-61; KINH

Background:

UniProt Entry: [P33176](#);NCBI Gene Entry: [3799](#)

Application Information

Molecular Weight: Predicted, 110 kDa, observed, 120 kD Clonality: Rabbit monoclonal antibody Clone ID: 23GB4030 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human KIF5B

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

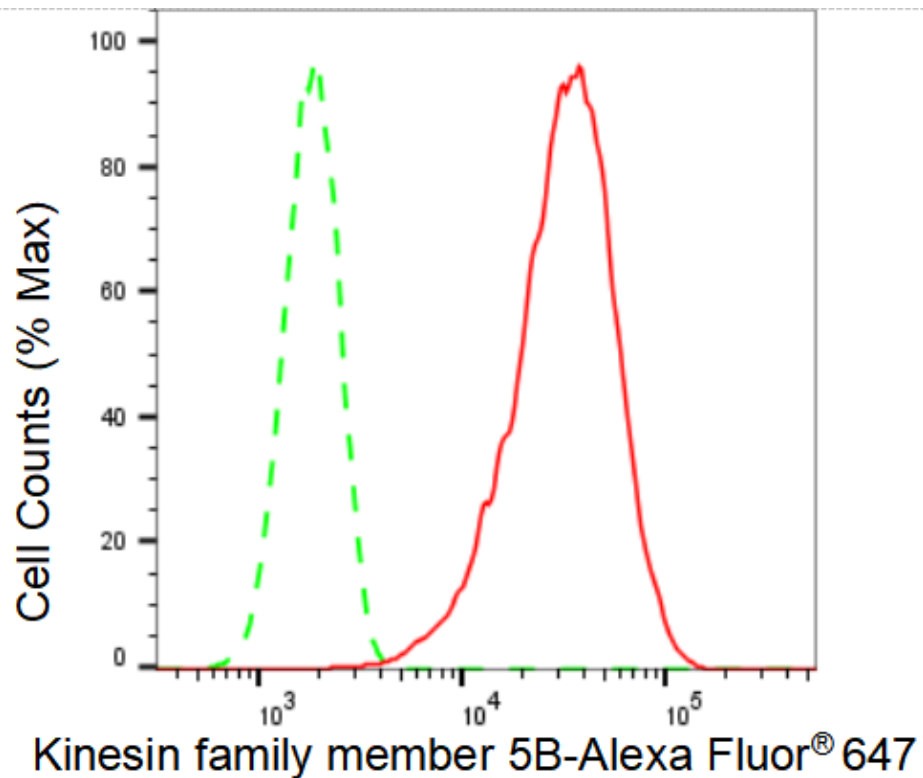
Store at -20 °C for one year.

Recommended Dilutions

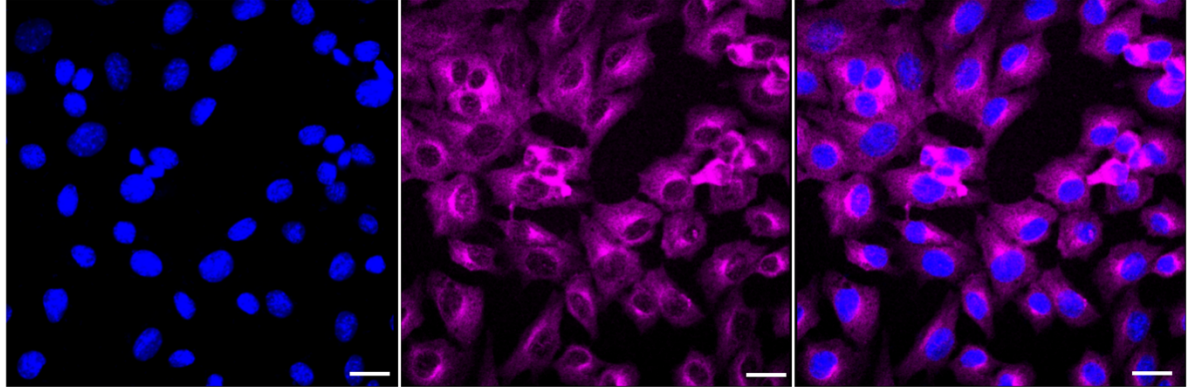
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

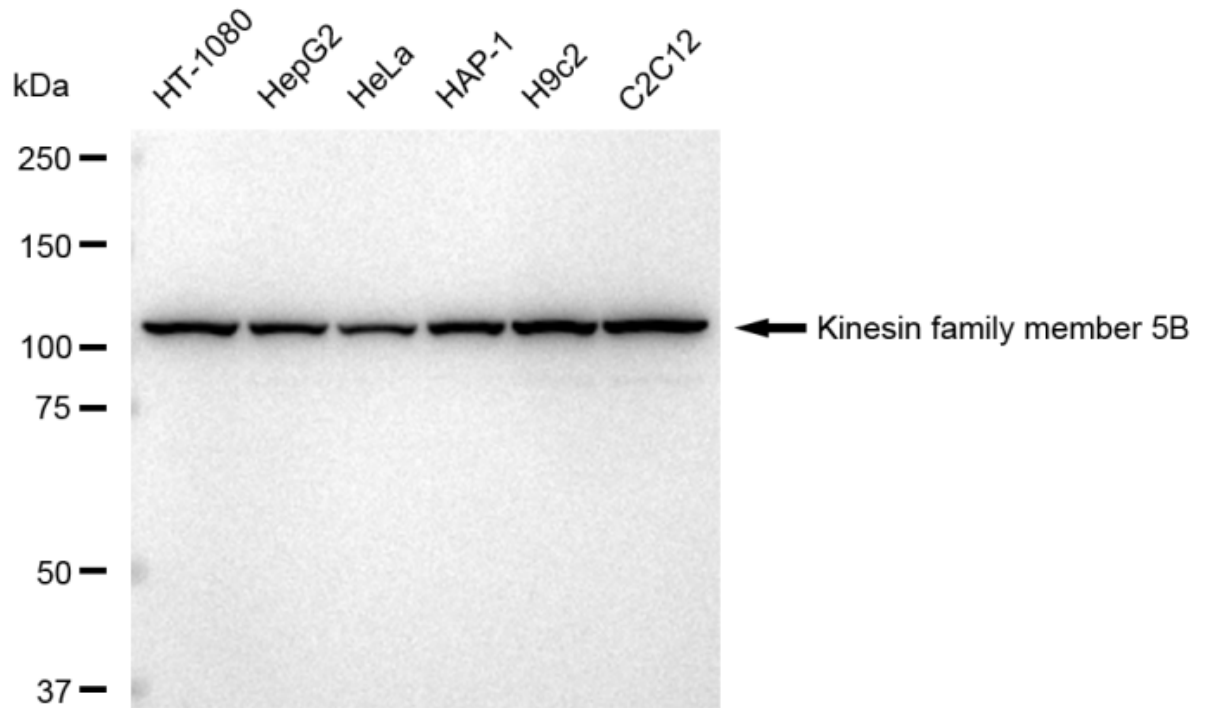
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



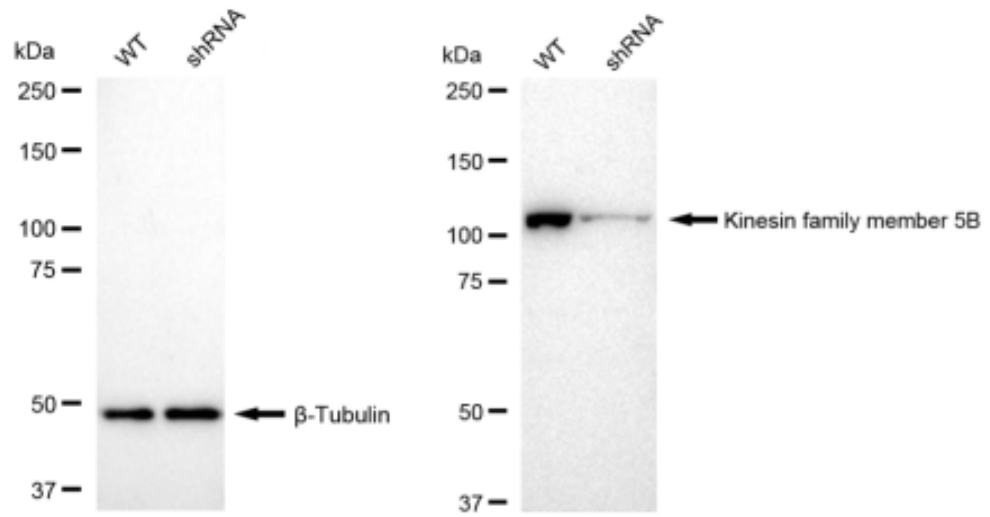
Flow cytometric analysis of Kinesin family member 5B expression in C2C12 cells using Kinesin family member 5B antibody 1:2,000. Green, isotype control; red, Kinesin family member 5B.



Immunocytochemical staining of C2C12 cells with Kinesin family member 5B antibody 1:1,000. Nuclei were stained blue with DAPI; Kinesin family member 5B 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-Kinesin family member 5B antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Kinesin family member 5B antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .