

Product datasheet for TA424921

OriGene Technologies, Inc.

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KIF5B Rabbit Monoclonal Antibody [Clone ID: 23GB4030]

Product data:

Product Type: Primary Antibodies

Clone Name: 23GB4030 Applications: FC, ICC, WB

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

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

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Monoclonal

Immunogen: A synthesized peptide derived from human KIF5B

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

Concentration:Lot dependentPurification:Affinity PurifiedConjugation:Unconjugated

Stability: Store at -20 °C for one year.

Database Link: P33176

Synonyms: Conventional Kinesin Heavy Chain; Epididymis Secretory Protein Li 61; HEL-S-61; KIF5B;

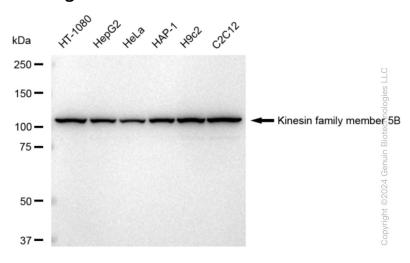
Kinesin-1 Heavy Chain; Kinesin 1 (110-120kD); Kinesin Family Member 5B; Kinesin Heavy

Chain; KINH; KNS; KNS1; Ubiquitous Kinesin Heavy Chain; UKHC

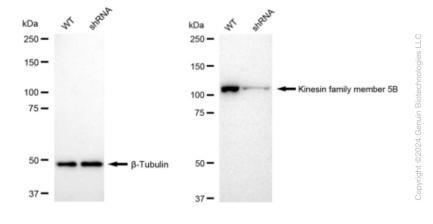




Product images:

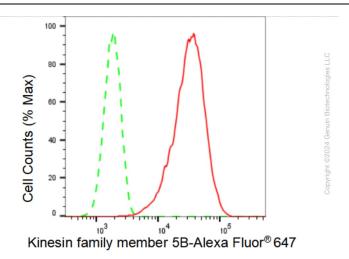


Western blotting analysis using anti-Kinesin family member 5B antibody . Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Kinesin family member 5B antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-FeQ[™] ECL Substrate Kit .

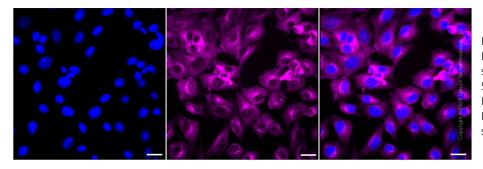


Western blotting analysis using anti-Kinesin family member 5B antibody . Kinesin family member 5B expression in wild type (WT) and Kinesin family member 5B shRNA knockdown (KD) 293T cells with 30 μg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Kinesin family member 5B antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-FeQ^M ECL Substrate Kit .





Flow cytometric analysis of Kinesin family member 5B expression in C2C12 cells using anti-Kinesin family member 5B antibody. Green, isotype control; red, Kinesin family member 5B.



Immunocytochemical staining of C2C12 cells with Kinesin family member 5B antibody . Nuclei were stained blue with DAPI; Kinesin family member 5B was stained magenta with Alexa Fluor 647. Images were taken using anti-Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μm .