

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

Rabbit monoclonal antibody

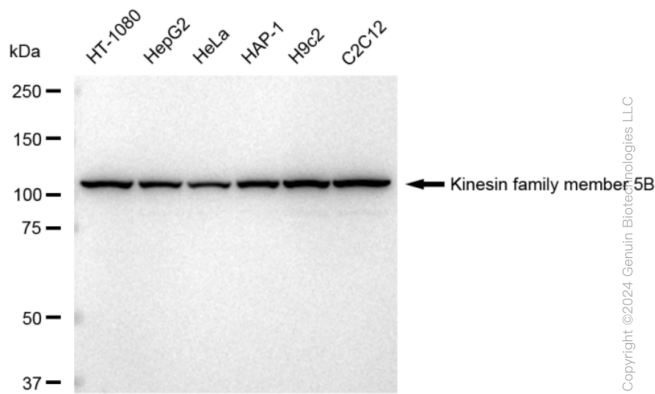
ABG1383

Product Overview

Name	KD-Validated Anti-Kinesin family member 5B Rabbit Monoclonal Antibody
Accession(Primary)	P33176
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human KIF5B
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 110 kDa , observed, 120 kD
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

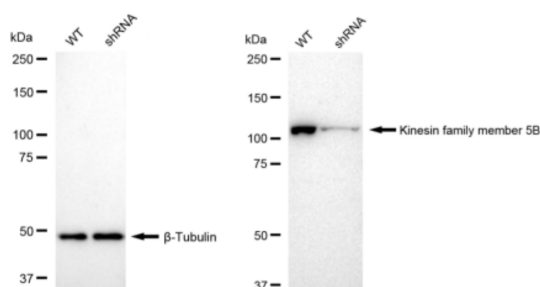
Target information (P33176)

Gene Name	KIF5B
About Gene Symbol	KIF5B (Kinesin Family Member 5B) is a kinesin motor protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



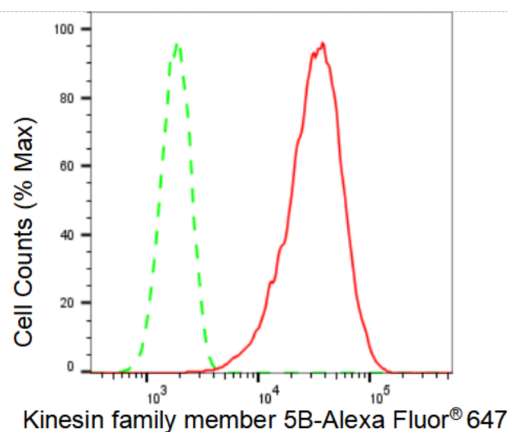
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-Kinesin family member 5B antibody (Cat#ABG1383). 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 (Cat#ABG1383, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



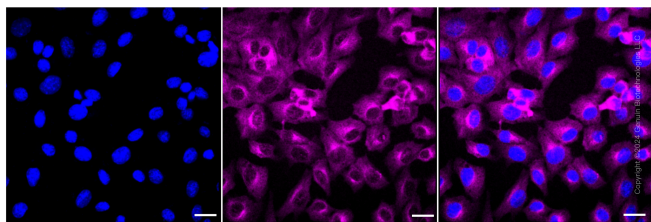
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-Kinesin family member 5B antibody (Cat#ABG1383). 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 (Cat#ABG1383, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of Kinesin family member 5B expression in C2C12 cells using Kinesin family member 5B antibody (Cat#ABG1383, 1:2,000). Green, isotype control; red, Kinesin family member 5B.



Immunocytochemical staining of C2C12 cells with Kinesin family member 5B antibody (Cat#ABG1383, 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.