

KD-Validated Anti-Kinesin family member 4A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

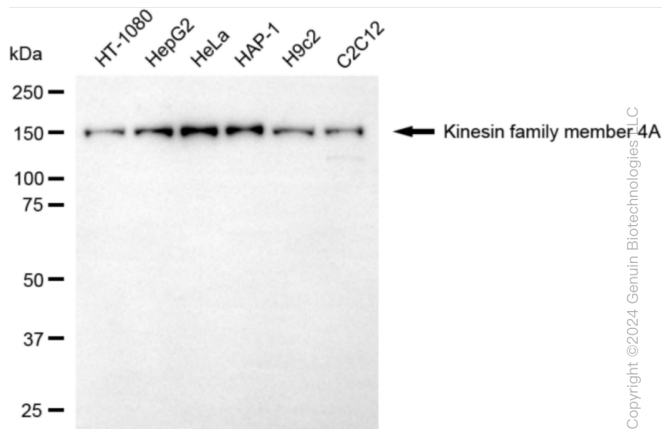
ABG1043

Product Overview

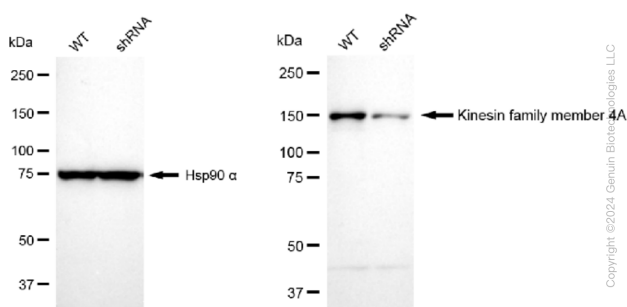
Name	KD-Validated Anti-Kinesin family member 4A Rabbit Monoclonal Antibody
Accession(Primary)	O95239
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human KIF4A
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 140 kDa, observed, 150 kDa
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 Immunocytochemistry (IC): 1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (O95239)

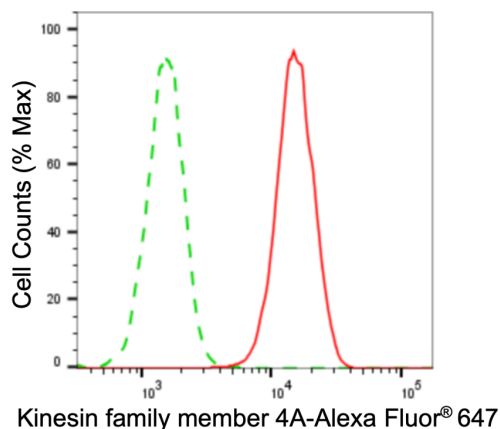
Gene Name	KIF4A
About Gene Symbol	KIF4A (Kinesin Family Member 4A) is a kinesin motor protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



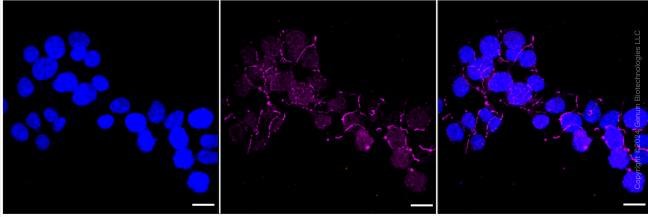
Western blotting analysis using anti-kinesin family member 4A antibody (Cat#ABG1043). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-kinesin family member 4A antibody (Cat#ABG1043, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-kinesin family member 4A antibody (Cat#ABG1043). Kinesin family member 4A expression in wild type (WT) and kinesin family member 4A (KIF4A) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-kinesin family member 4A antibody (Cat#ABG1043, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of kinesin family member 4A expression in HAP-1 cells using anti-kinesin family member 4A antibody (Cat#ABG1043, 1:2,000). Green, isotype control; red, kinesin family member 4A.



Immunocytochemical staining of HAP1 cells with anti-kinesin family member 4A antibody (Cat#ABG1043, 1:1,000). Nuclei were stained blue with DAPI; Kinesin family member 4A 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.