9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-Myosin XIX Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1406

Product Overview

Name	KD-Validated Anti-Myosin XIX Rabbit Monoclonal Antibody
Accession(Primary)	Q96H55
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MYO19
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 109 kDa; observed, 100 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q96H55)

Gene Name	MYO19
About Gene Symbol	MYO19 (Myosin XIX) is a structural cytoskeletal 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.

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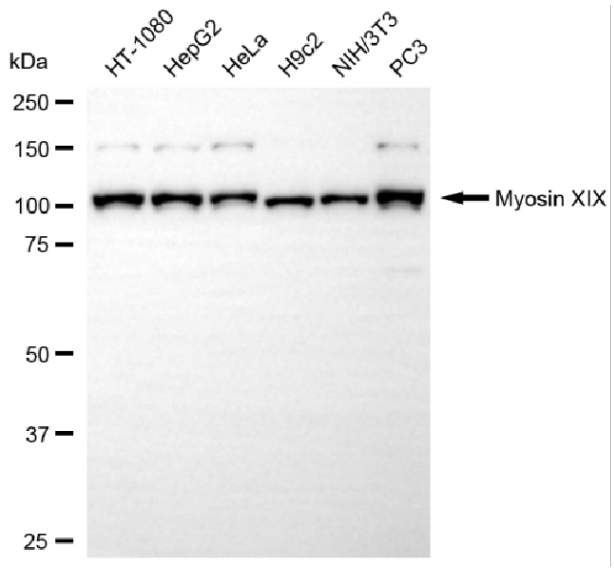

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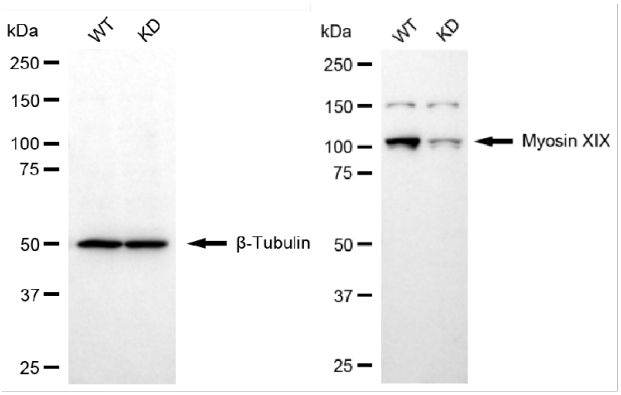
Western blotting analysis using anti-myosin XIX antibody (Cat#ABG1406). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-myosin XIX antibody (Cat#ABG1406, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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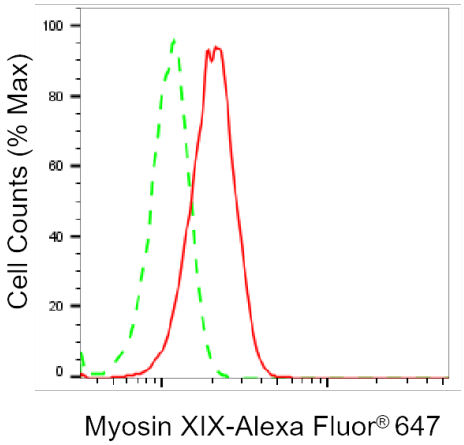
Western blotting analysis using anti-myosin XIX antibody (Cat#ABG1406). Myosin XIX expression in wild type (WT) and myosin XIX (MYO19) knockdown (KD) HSHC cells with 20 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-myosin XIX antibody (Cat#ABG1406, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Myosin XIX expression in HepG2 cells using anti-Myosin XIX antibody (Cat#ABG1406, 1:2,000). Green, isotype control; red, Myosin XIX.

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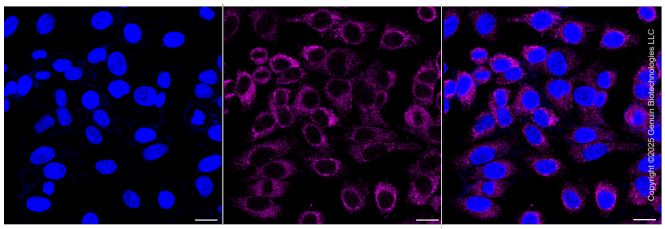

Immunocytochemical staining of HepG2 cells with anti-Myosin XIX antibody (Cat#ABG1406, 1:1,000). Nuclei were stained blue with DAPI; Myosin XIX was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.