

KD-Validated Anti-Myosin XIX Recombinant Rabbit Monoclonal Antibody



Catalog #: 61708

Aliases

MYO19; Myosin XIX; MYOHD1; Myosin Head Domain-Containing Protein 1; Myosin Head Domain Containing 1; Unconventional Myosin-XIX; FLJ22865

Background

Gene Name: MYO19

NCBI Gene Entry: [80179](#)

UniProt Entry: [Q96H55](#)

Application Information

Molecular Weight: Predicted, 109 kDa, observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB3400

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human MYO19

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): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

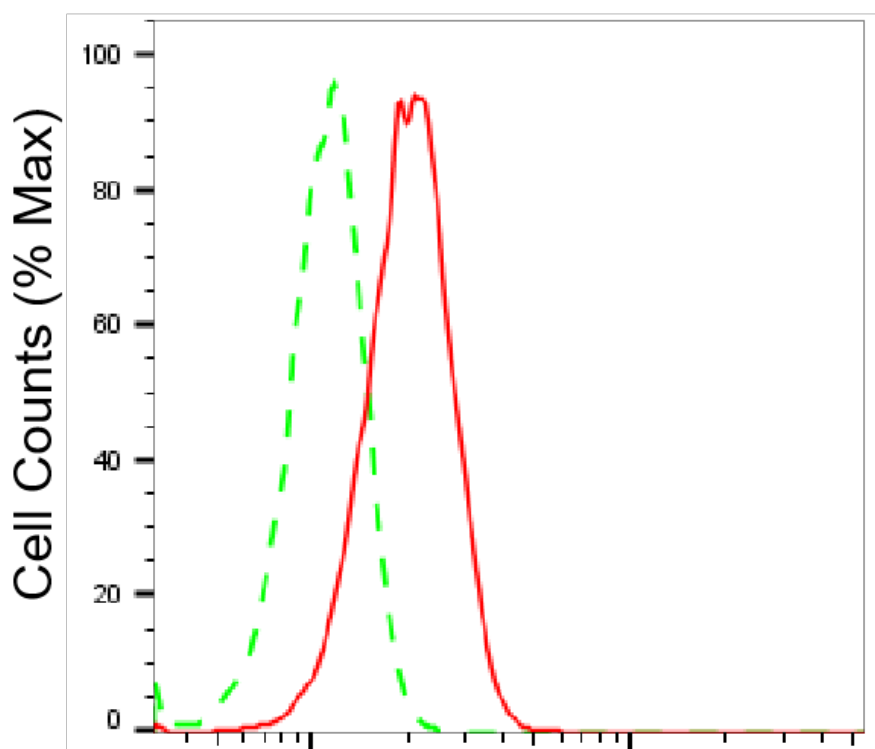
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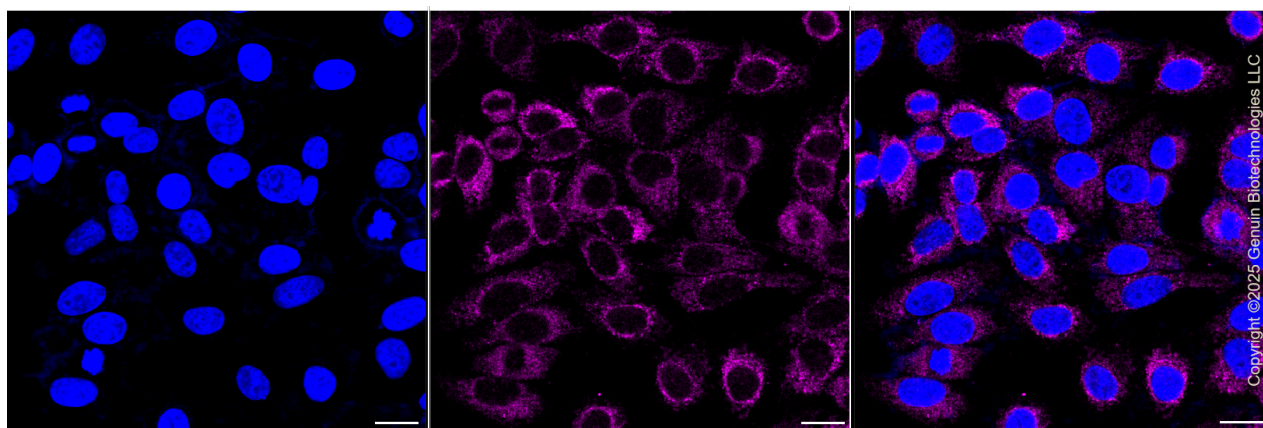
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Myosin XIX-Alexa Fluor® 647

Flow cytometric analysis of Myosin XIX expression in HepG2 cells using anti-Myosin XIX antibody (Cat#61708, 1:2,000). Green, isotype control; red, Myosin XIX.



Immunocytochemical staining of HepG2 cells with anti-Myosin XIX antibody (Cat#61708, 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 μ m.

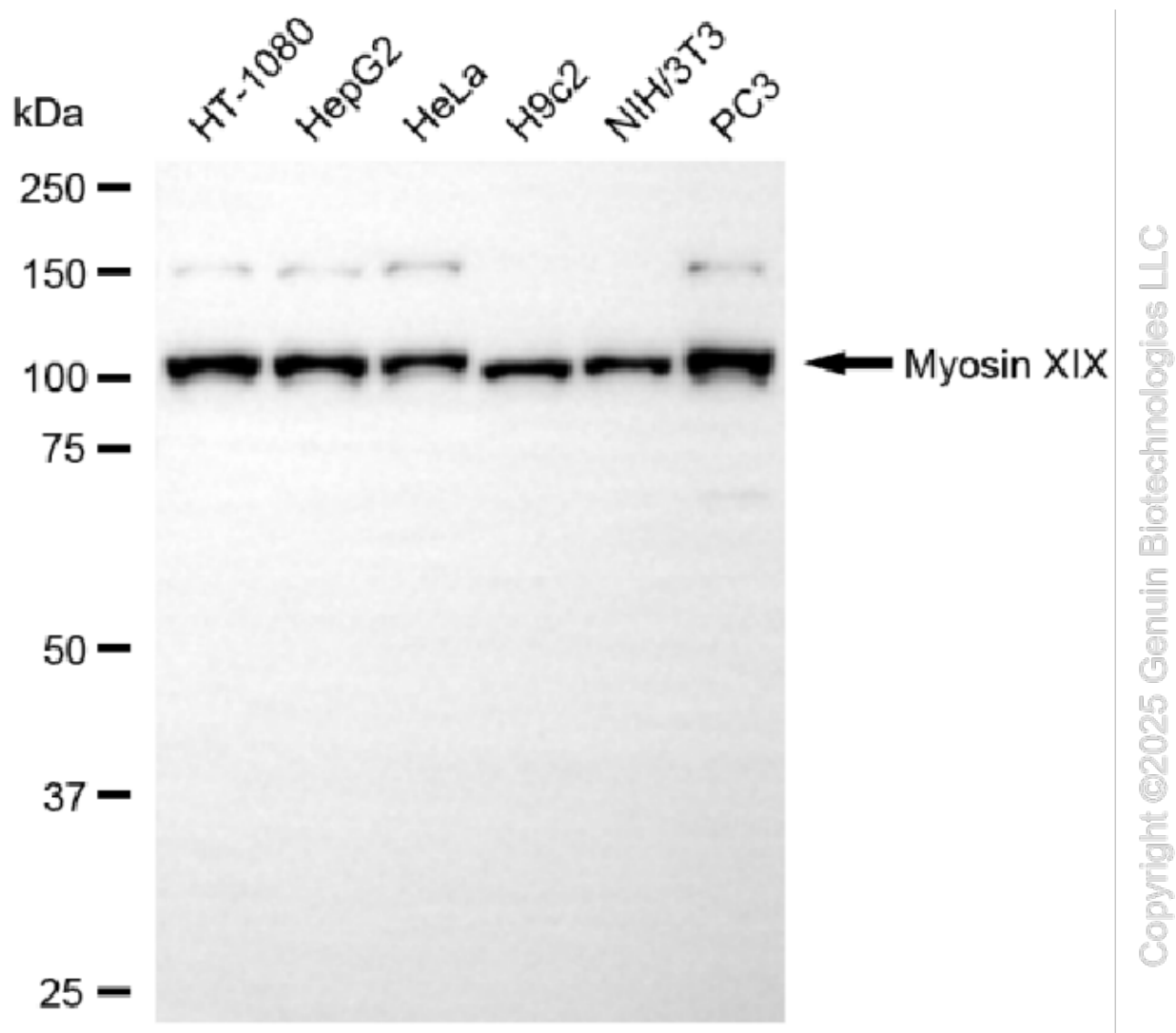
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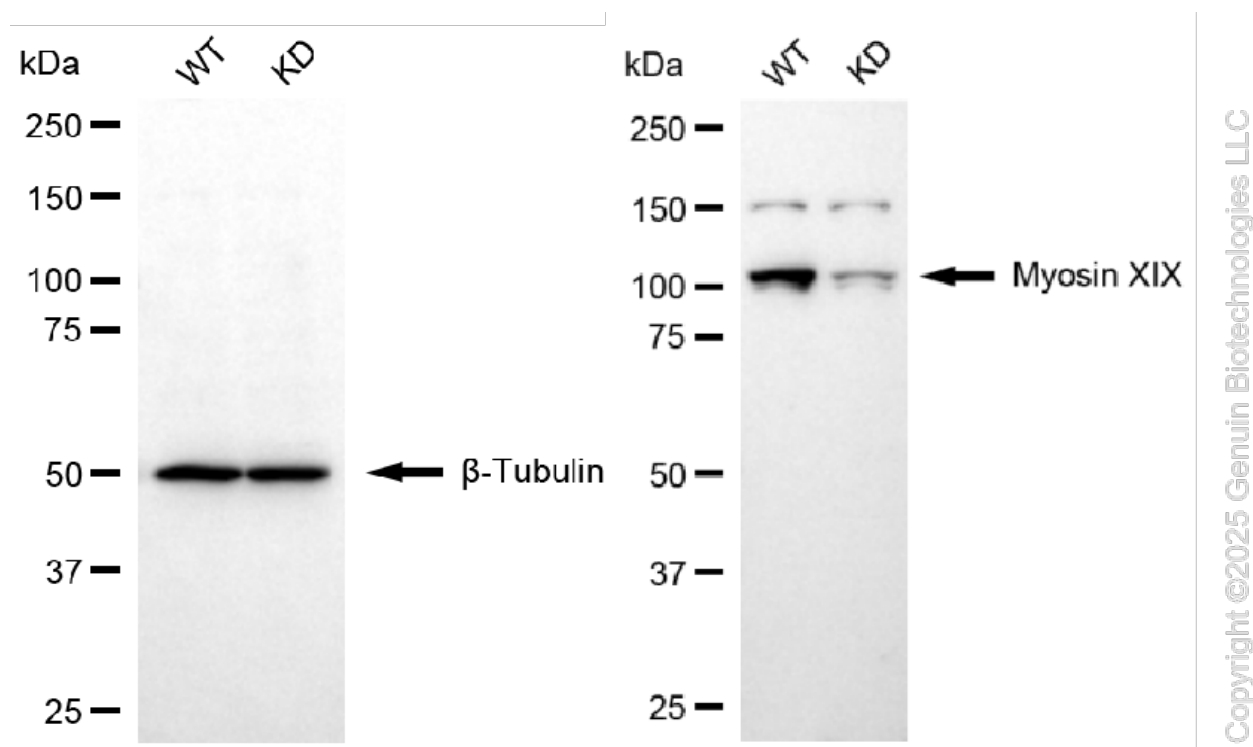
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Western blotting analysis using anti-myosin XIX antibody (Cat#61708). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-myosin XIX antibody (Cat#61708, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-myosin XIX antibody (Cat#61708). Myosin XIX expression in wild type (WT) and myosin XIX (MYO19) knockdown (KD) HSHC cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-myosin XIX antibody (Cat#61708, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQTM ECL Substrate Kit (Cat#716).