

# KD-Validated Anti-MYH9 Mouse Monoclonal Antibody



**Catalog #: 65081**

## Aliases

MYH9; Myosin Heavy Chain 9; NMHC-II-A; NMMHCA; EPSTS; FTNS; MHA; Cellular Myosin Heavy Chain, Type A; Nonmuscle Myosin Heavy Chain II-A; Non-Muscle Myosin Heavy Chain IIA; Non-Muscle Myosin Heavy Chain A; MMHC-IIA; Myosin-9; DFNA17; Myosin, Heavy Polypeptide 9, Non-Muscle; Non-Muscle Myosin Heavy Polypeptide 9; Myosin Heavy Chain, Non-Muscle IIA; Myosin, Heavy Chain 9, Non-Muscle; Non-Muscle Myosin Heavy Chain 9; Nonmuscle Myosin IIA2; NMMHC II-A; NMMHC-A; BDPLT6; MATINS

## Background

Gene Name: MYH9

NCBI Gene Entry: [4627](#)

UniProt Entry: [P35579](#)

## Application Information

Molecular Weight: Predicted, 227 kDa; observed, 227 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB14220

Species Reactivity: Human

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

## Immunogen

Recombinant protein of human MYH9

## Isotype

Mouse IgG2a

## 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): 1:400-1:2,000

Flow Cytometry (FCM): 1:1,000

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

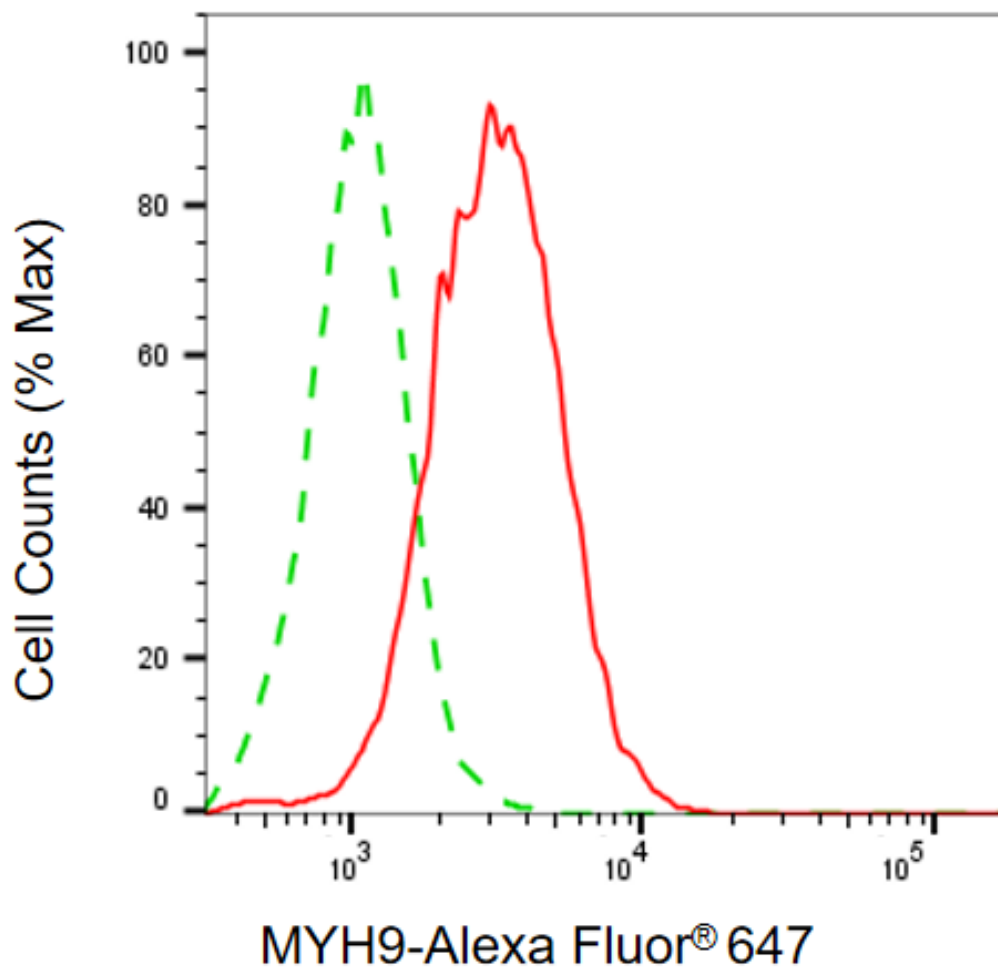
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**Note:** This product is for research use only.

### Validation Data



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Flow cytometric analysis of MYH9 expression in HepG2 cells using anti-MYH9 antibody (Cat#65081, 1:1,000). Green, isotype control; red, MYH9.

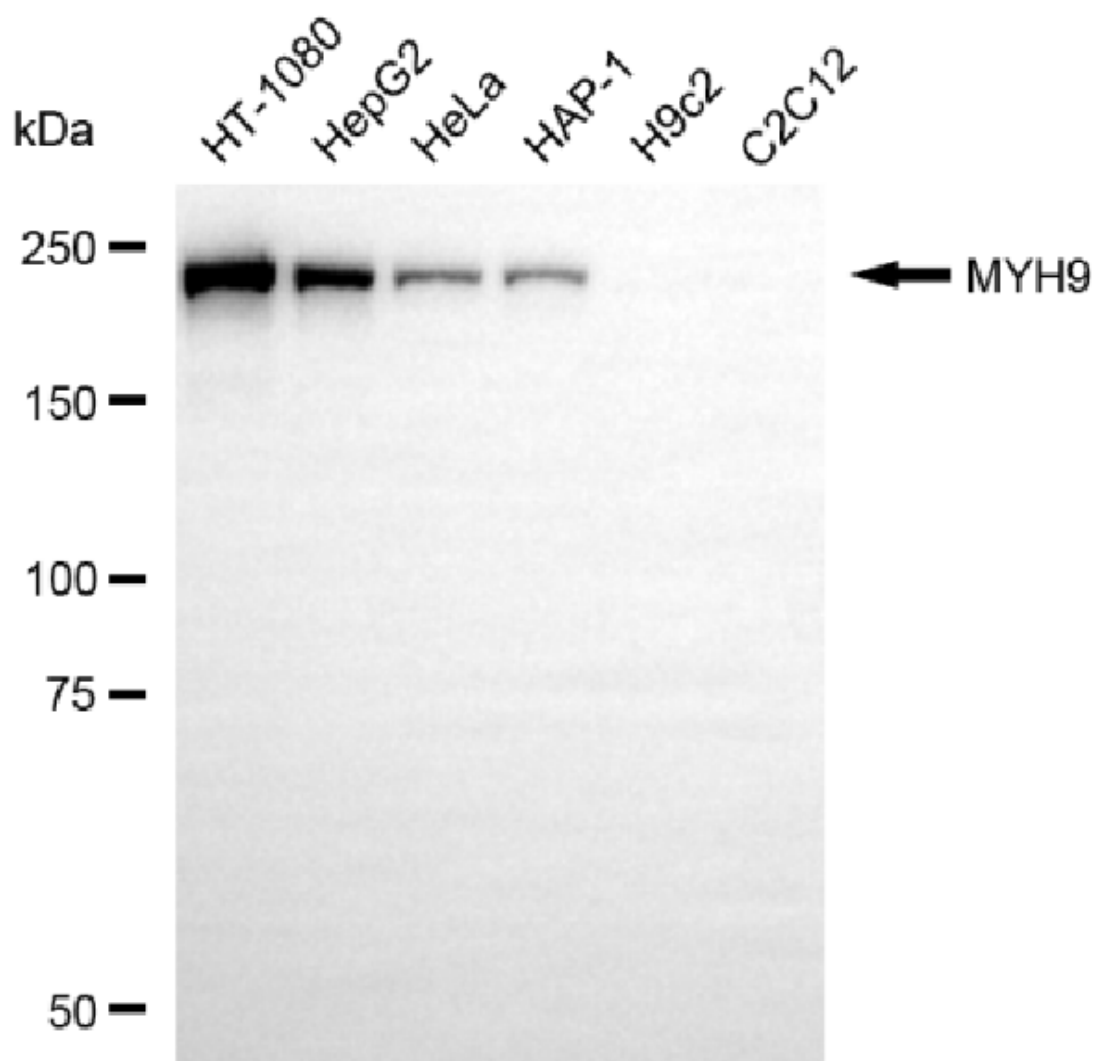
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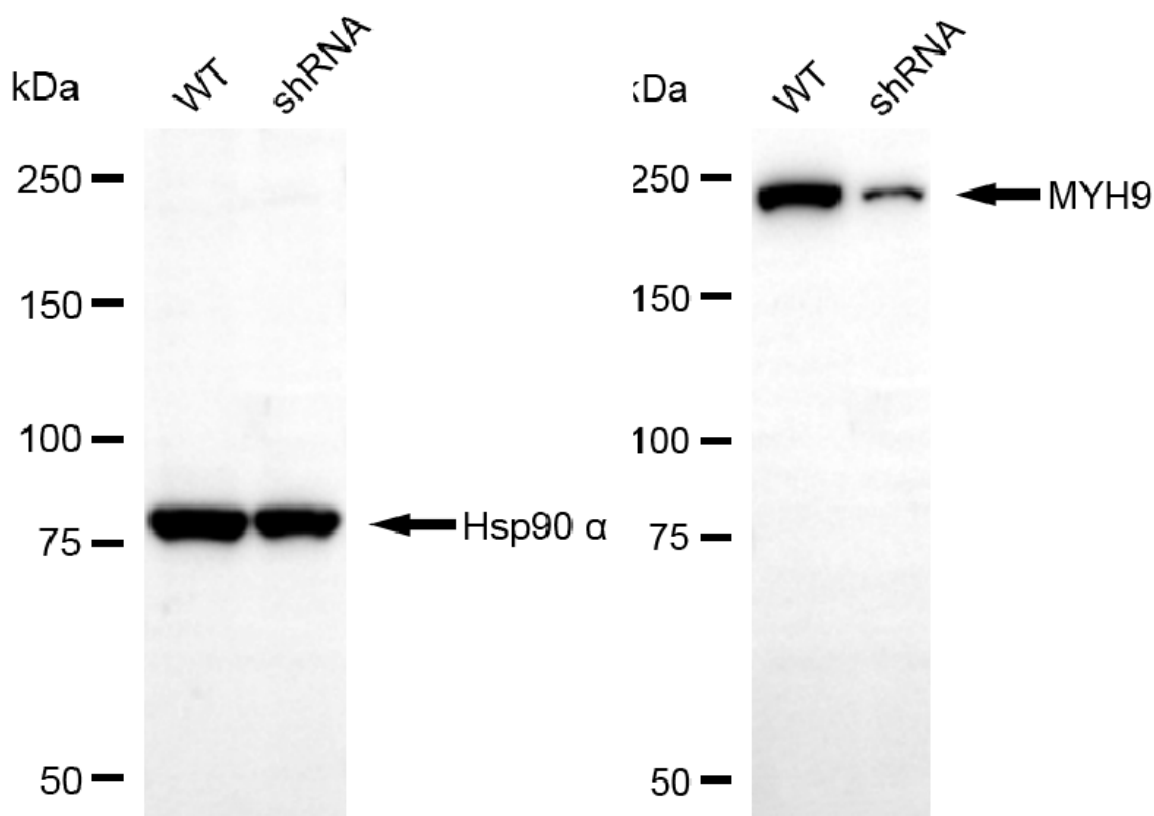
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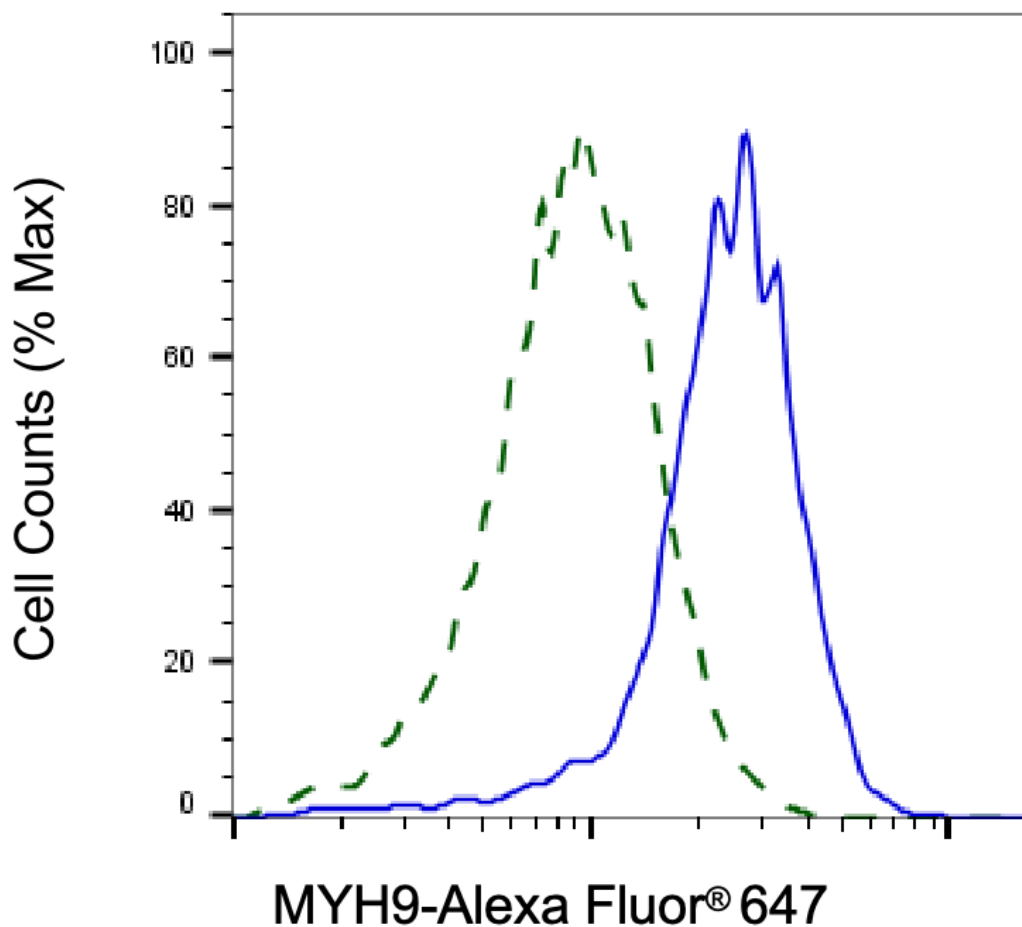


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Western blotting analysis using anti-MYH9 antibody (Cat#65081). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MYH9 antibody (Cat#65081, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-MYH9 antibody (Cat#65081). MYH9 expression in wild-type (WT) and MYH9 shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-MYH9 antibody (Cat#65081, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Validation of MYH9 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-MYH9 antibody (Cat#65081, 1:2,000) and analyzed using BD flow cytometer.