## **Anti-Myogenic Factor 5 Recombinant Rabbit Monoclonal Antibody**



**Catalog #: 2390** 

#### **Aliases**

Myogenic Factor 5; BHLHc2; Class C Basic Helix-Loop-Helix Protein 2; Myf-5; BHLHC2; EORVA

## **Background**

Gene Name: MYF5 NCBI Gene Entry: 4617 UniProt Entry: P13349

# **Application Information**

Molecular Weight: Predicted, 28 kDa; observed, 37 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB615

Species Reactivity: Human

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

## **Immunogen**

A synthesized peptide derived from human MYF5

## **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

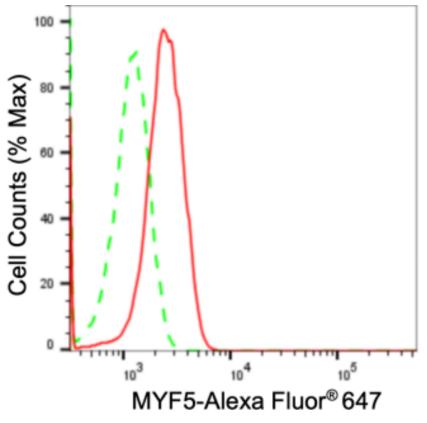
Immunocytochemistry (IC): 1:100-1:1,000

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

#### Validation Data

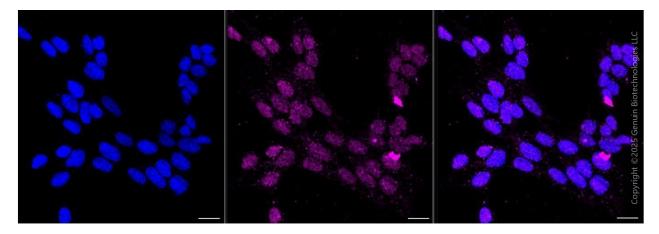
**SUPPORT** 

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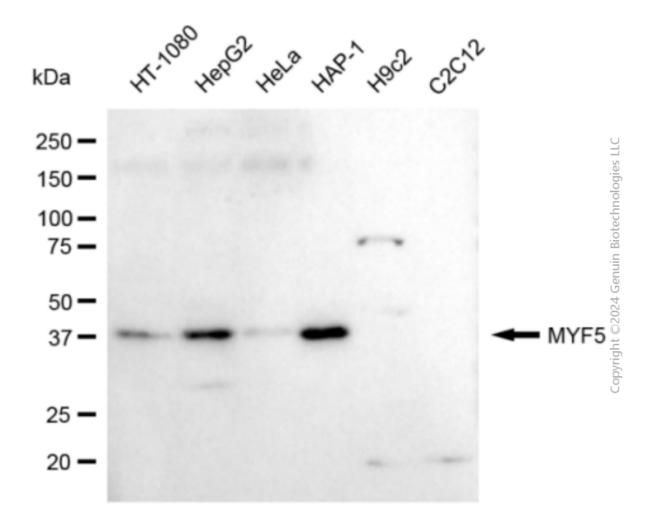
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Flow cytometric analysis of MYF5 expression in HAP-1 cells using anti-MYF5 antibody (Cat#2390, 1:2,000). Green, isotype control; red, MYF5.



Immunocytochemical staining of HAP-1 cells with anti-MYF5 antibody (Cat#2390, 1:1,000) . Nuclei were stained blue with DAPI; MYF5 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,  $20~\mu m$ .

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Western blotting analysis using anti-MYF5 antibody (Cat#2390). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MYF5 antibody (Cat#2390, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ<sup>TM</sup> ECL Substrate Kit (Cat#226).