

Catalog #: 3305

Aliases

MYOG; Myogenin; BHLHc3; Myogenic Factor 4; MYF4; Class C Basic Helix-Loop-Helix Protein 3; Myf-4; Myogenin (Myogenic Factor 4); BHLHC3

Background

Gene Name: MYOG

NCBI Gene Entry: [4656](#)

UniProt Entry: [P15173](#)

Application Information

Molecular Weight: Predicted, 25 kDa; observed, 34 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4980

Species Reactivity: Rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Myogenin

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

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

Note: This product is for research use only.

Validation Data

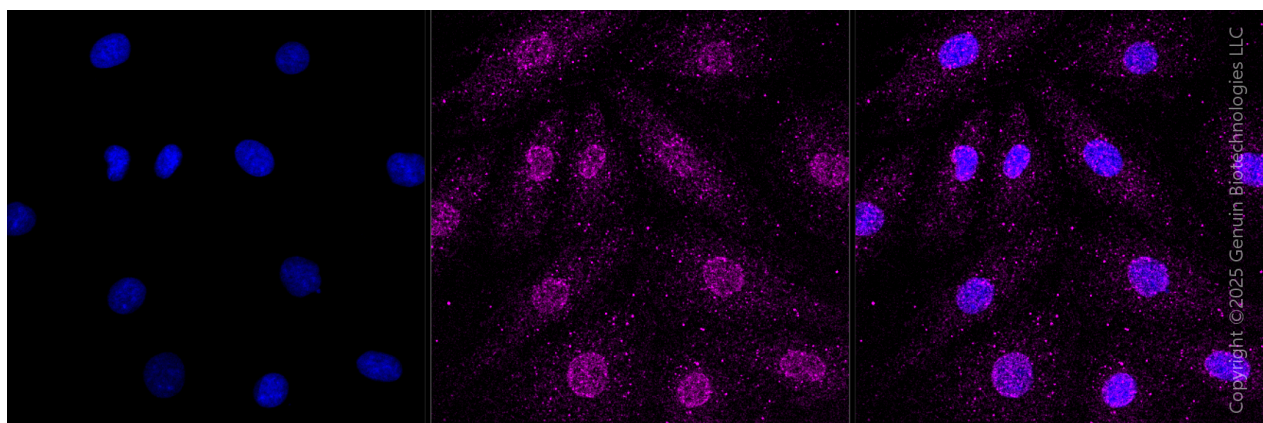
SUPPORT

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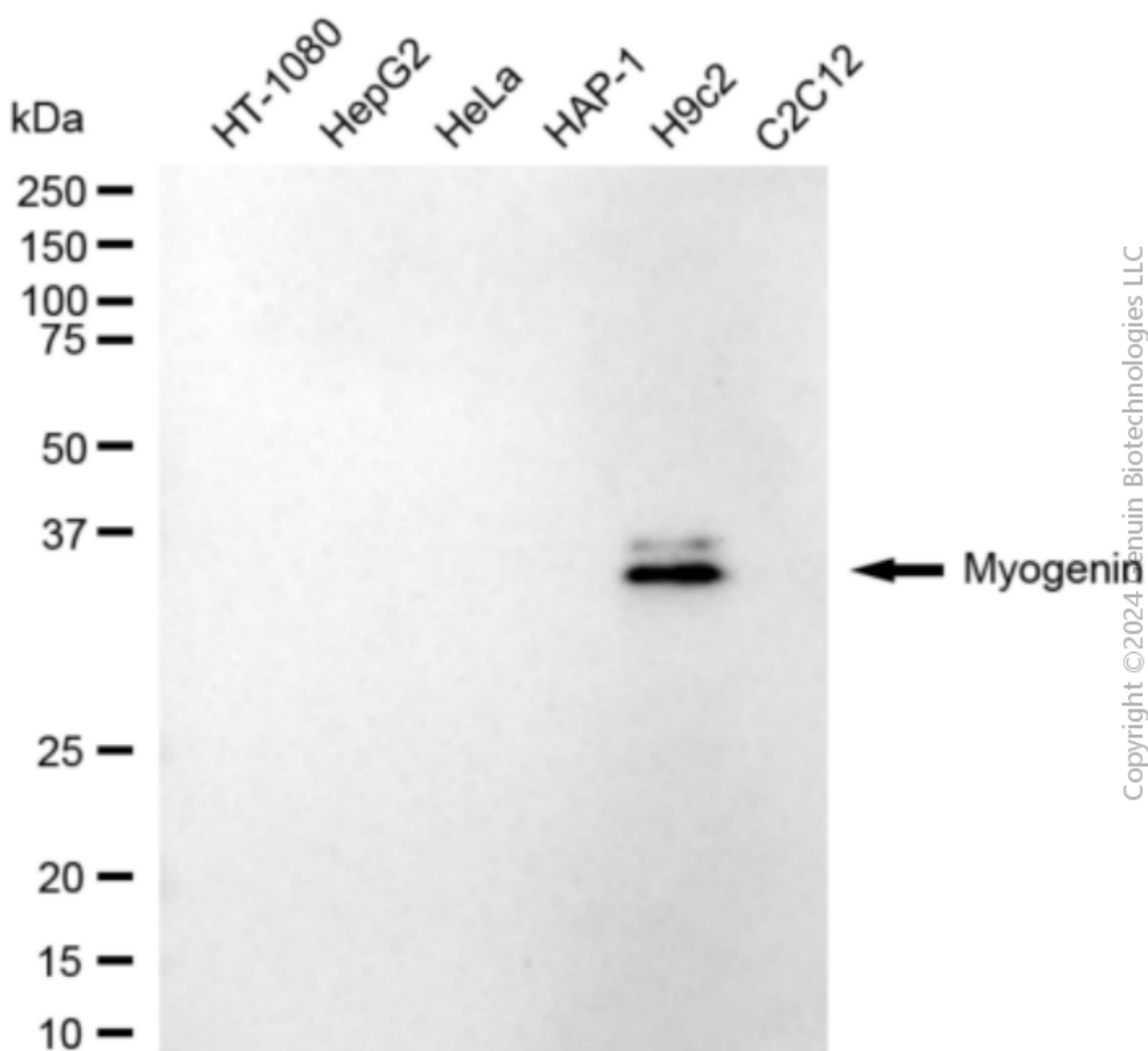
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Immunocytochemical staining of H9C2 cells with anti-Myogenin antibody (Cat#3305, 1:1,000). Nuclei were stained blue with DAPI; Myogenin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain □ Low. Scale bar, 20 μ m.



Western blotting analysis using anti-myogenin antibody (Cat#3305). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-myogenin antibody (Cat#3305, 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).