

## Catalog #: 2875

### Aliases

MYC; MYC Proto-Oncogene, BHLH Transcription Factor; BHLHe39; C-Myc; MYCC; V-Myc Avian Myelocytomatosis Viral Oncogene Homolog; Class E Basic Helix-Loop-Helix Protein 39; Myc Proto-Oncogene Protein; Transcription Factor P64; Proto-Oncogene C-Myc; Myc-Related Translation/Localization Regulatory Factor; Avian Myelocytomatosis Viral Oncogene Homolog; V-Myc Myelocytomatosis Viral Oncogene Homolog; BHLHE39; MRTL

### Background

Gene Name: MYC

NCBI Gene Entry: [4609](#)

UniProt Entry: [P01106](#)

### Application Information

Molecular Weight: Predicted, 51 kDa; observed, 57 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB2955

Species Reactivity: Human

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

### Immunogen

Recombinant protein of human c-Myc

### Isotype

Mouse IgG1 kappa

### 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): 1:2,500-1:5,000

Flow Cytometry (FCM): 1:2,000

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

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#### SUPPORT

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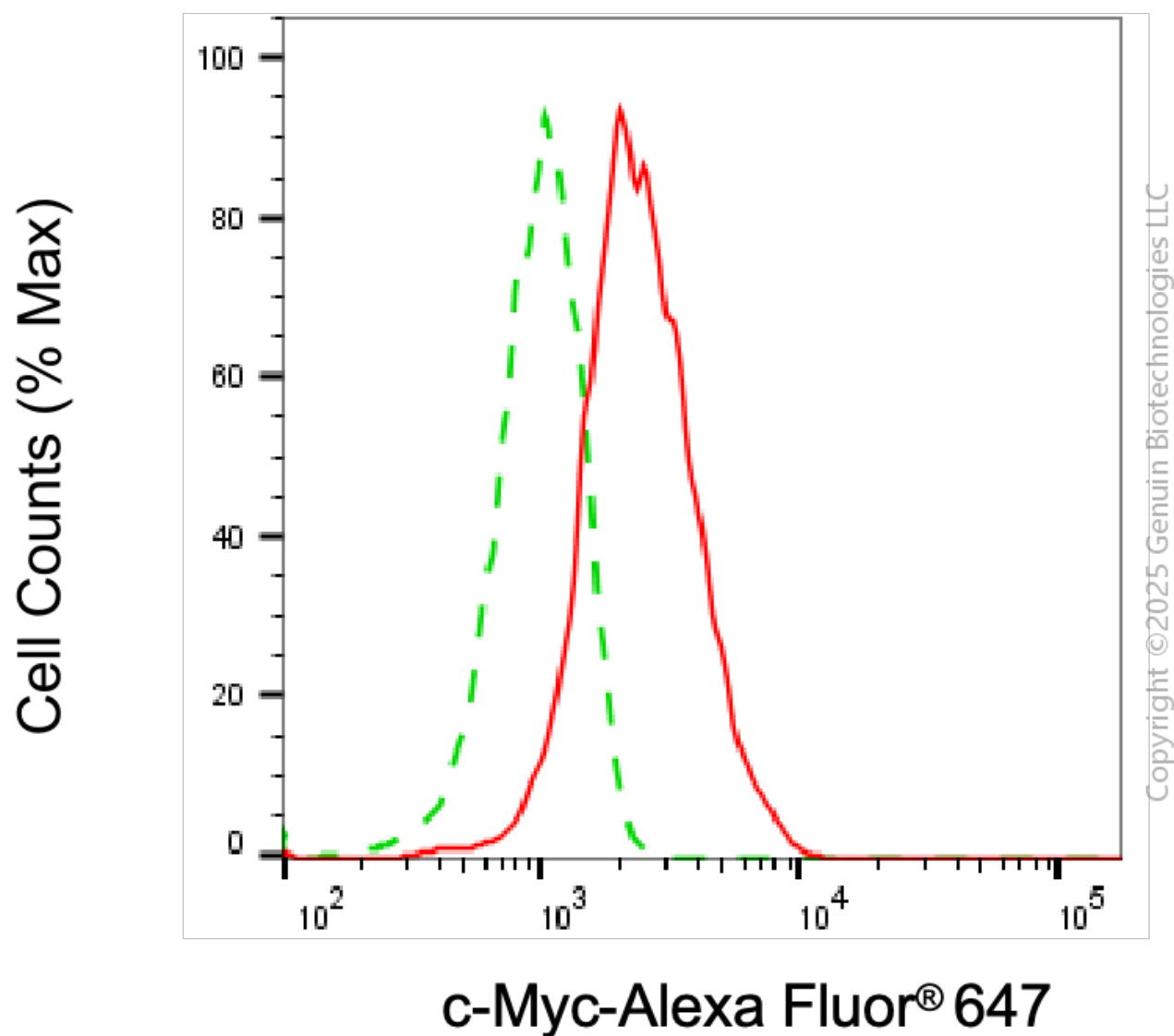
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**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of c-Myc expression in HAP-1 cells using anti-c-Myc antibody (Cat#2875, 1:2,000). Green, isotype control; red, c-Myc.

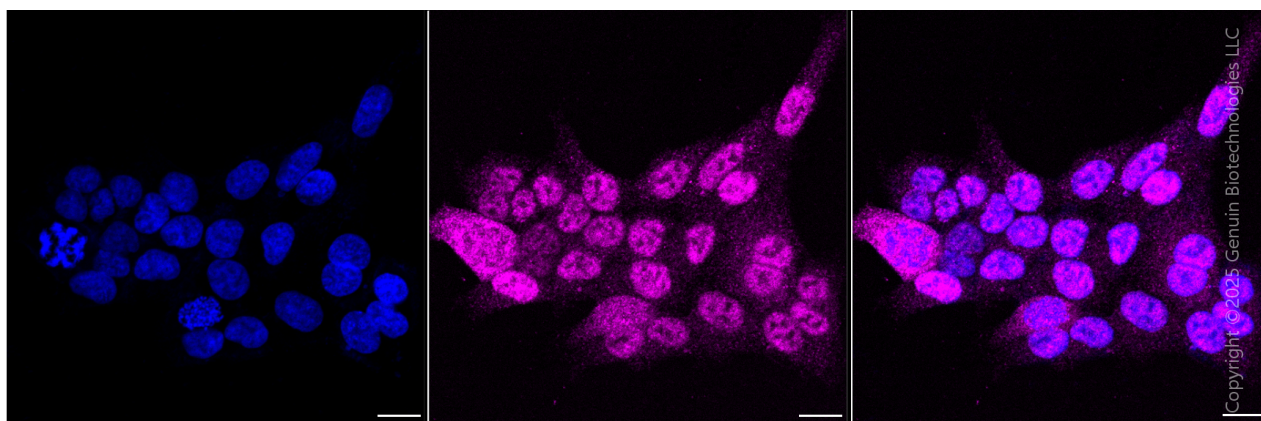
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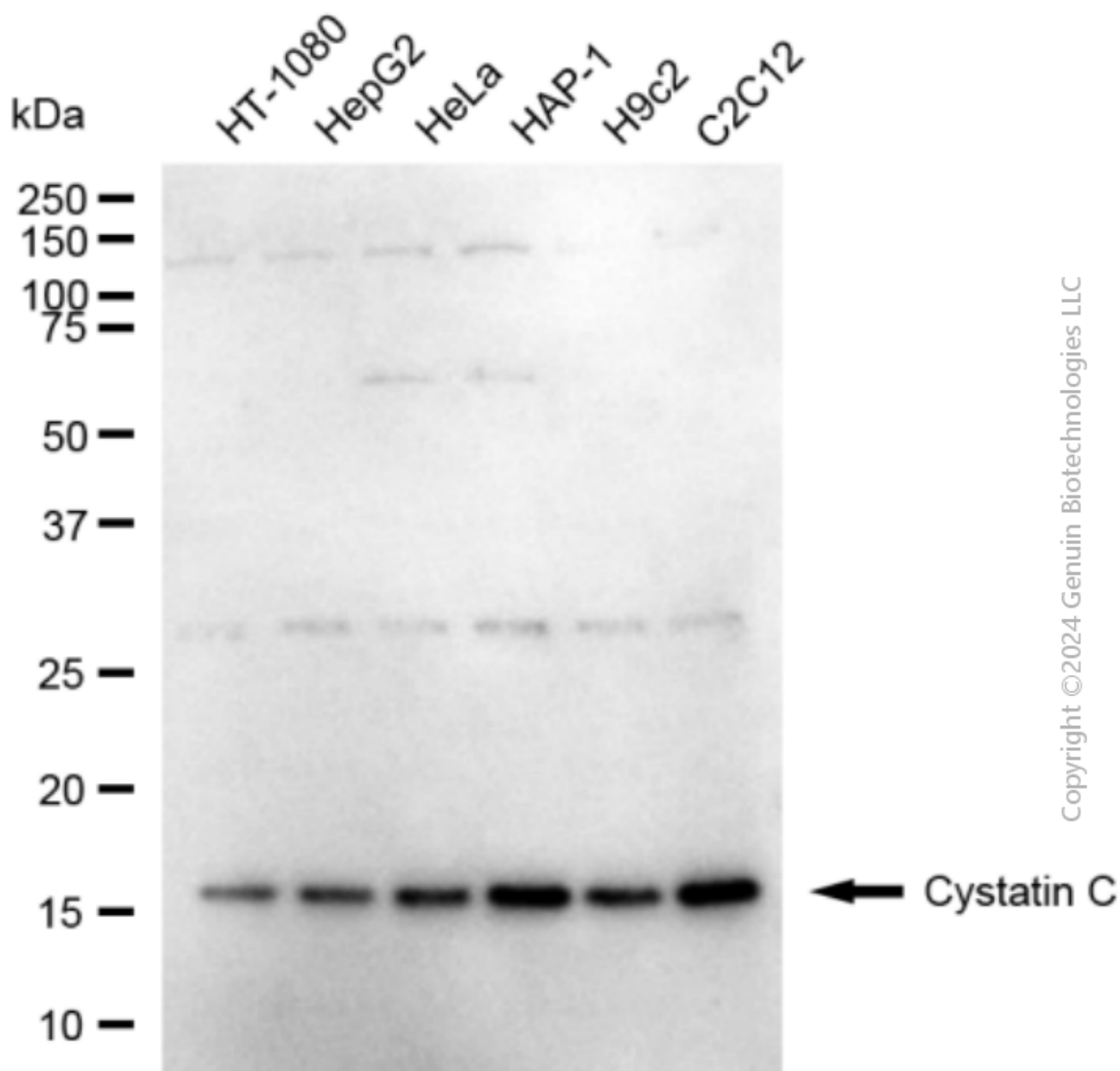
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Immunocytochemical staining of HAP1 cells with anti-C-Myc antibody (Cat#2875, 1:1,000) . Nuclei were stained blue with DAPI; C-Myc was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-c-Myc antibody (Cat#2875). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-c-Myc antibody (Cat#2875, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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