Anti-c-Jun Recombinant Rabbit Monoclonal Antibody

Catalog #: 4085

Aliases

JUN; Jun Proto-Oncogene, AP-1 Transcription Factor Subunit; V-Jun Avian Sarcoma Virus 17 Oncogene Homolog; AP-1; Transcription Factor AP-1 Subunit Jun; Transcription Factor Jun; Proto-Oncogene C-Jun; Activator Protein 1; Jun Oncogene; C-Jun; AP1; P39; V-Jun Sarcoma Virus 17; Oncogene Homolog; Jun Activation Domain Binding Protein; Enhancer-Binding Protein AP1; Transcription Factor AP-1; Proto-Oncogene CJun; C-JUN; CJUN

Background

Gene Name: JUN
NCBI Gene Entry: 3725
UniProt Entry: P05412

Application Information

Molecular Weight: Predicted, 36 kDa; observed, 39 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB9515
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human c-Jun

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

SUPPORT
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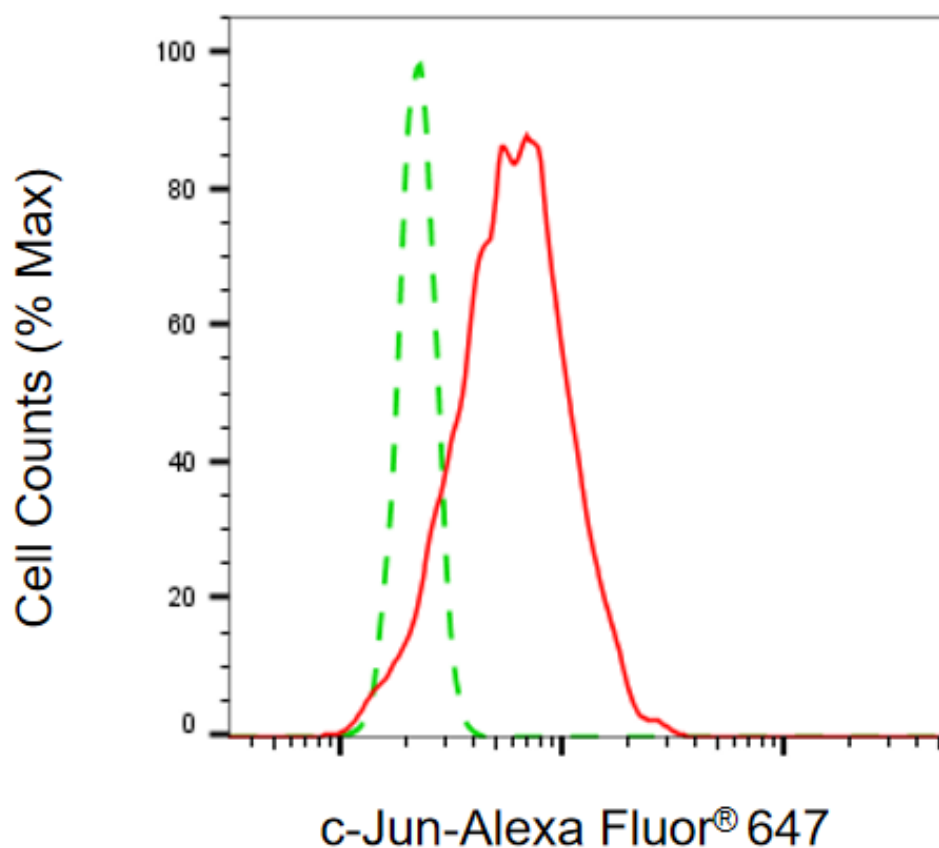
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of c-Jun expression in HT-1080 cells using anti-c-Jun antibody (Cat#4085, 1:2,000). Green, isotype control; red, c-Jun.
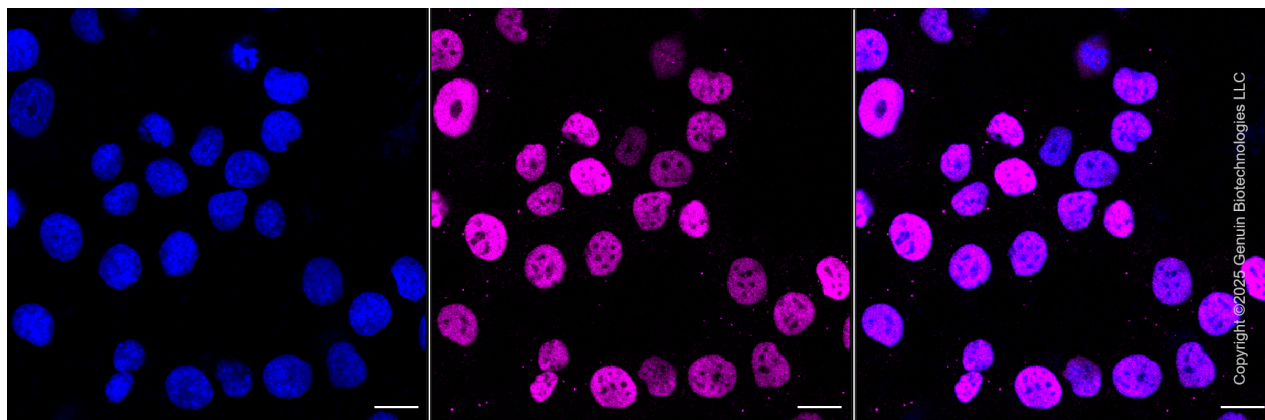
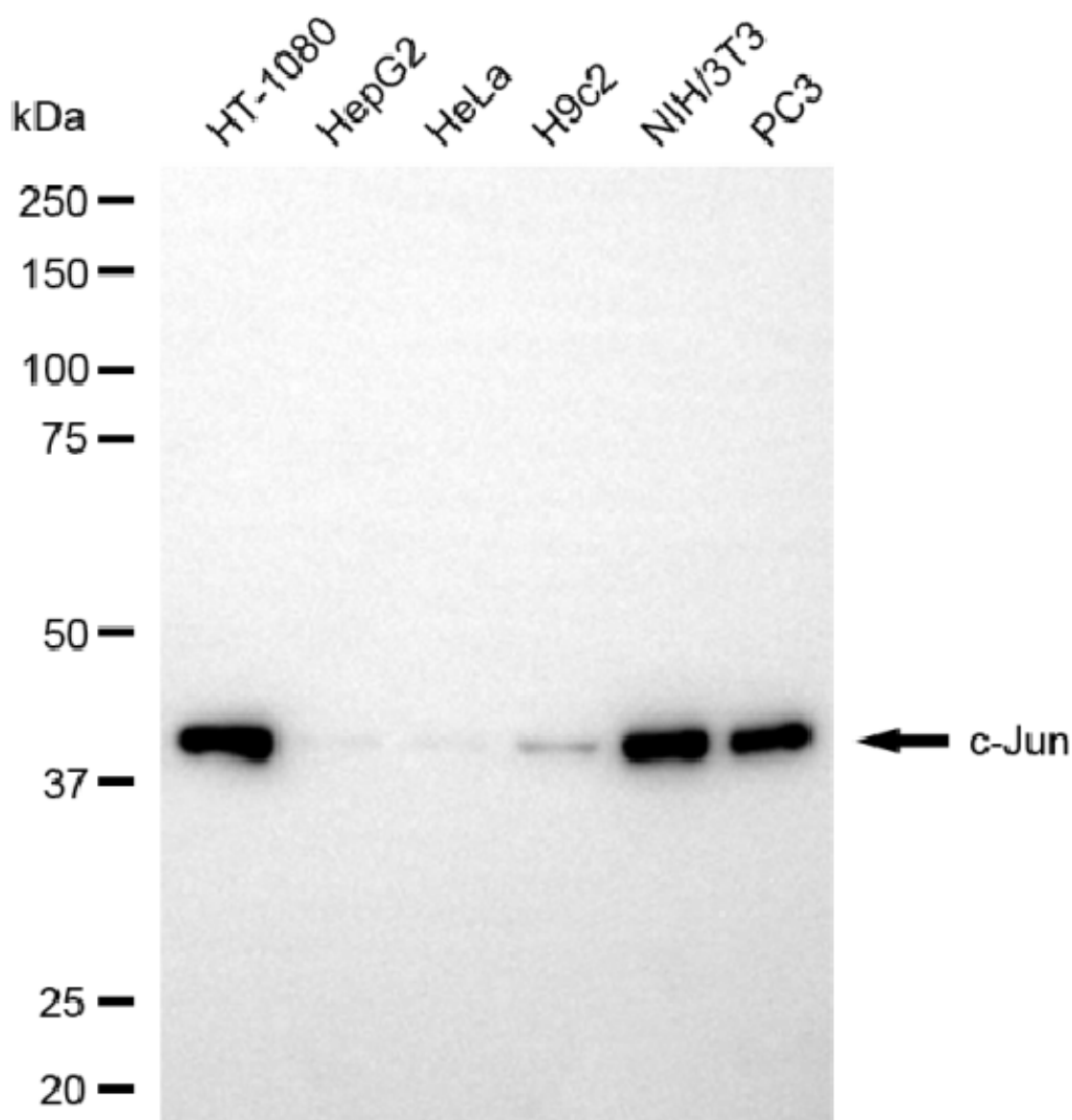Immunocytochemical staining of HT-1080 cells with anti-C-Jun antibody (Cat#4085, 1:1,000) .

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Nuclei were stained blue with DAPI;
C-Jun 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 μm.

Western blotting analysis using anti-c-Jun antibody (Cat#4085). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-c-Jun antibody (Cat#4085, 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).