

# Anti-Nuclear Factor I B Recombinant Rabbit Monoclonal Antibody



**Catalog #: 3007**

## Aliases

NFIB; Nuclear Factor I B; NFI-RED; NFIB2; NFIB3; CCAAT-Box-Binding Transcription Factor; Nuclear Factor 1 B-Type; TGGCA-Binding Protein; Nuclear Factor I/B; Nuclear Factor 1/B; NF-I/B; NF1-B; NFI-B; CTF; HMGIC/NFIB; MACID

## Background

Gene Name: NFIB

NCBI Gene Entry: [4781](#)

UniProt Entry: [O00712](#)

## Application Information

Molecular Weight: Predicted, 47 kDa; observed, 47 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3600

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human NFIB / NF1B2

## 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.

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

### ORDERS

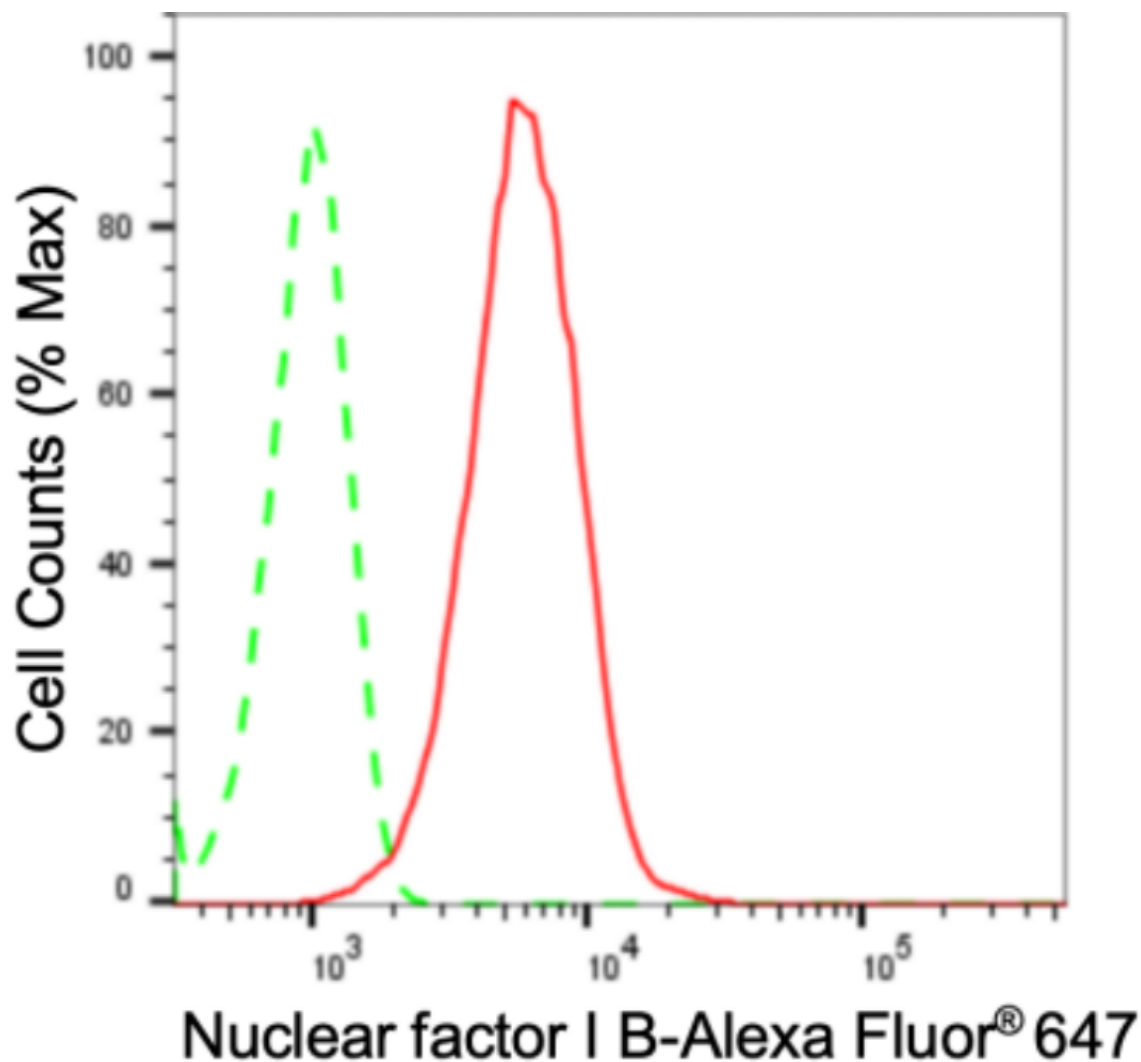
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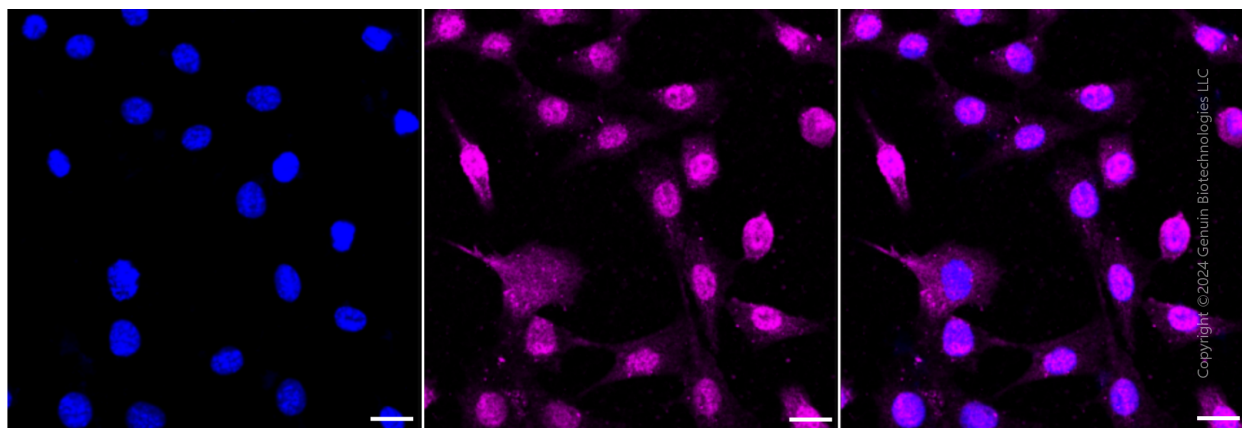
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## Validation Data



Flow cytometric analysis of Nuclear factor I B expression in C2C12 cells using anti-Nuclear factor I B antibody (Cat#3007, 1:2,000). Green, isotype control; red, Nuclear factor I B.



Immunocytochemical staining of C2C12 cells with anti-Nuclear factor I B antibody (Cat#3007,

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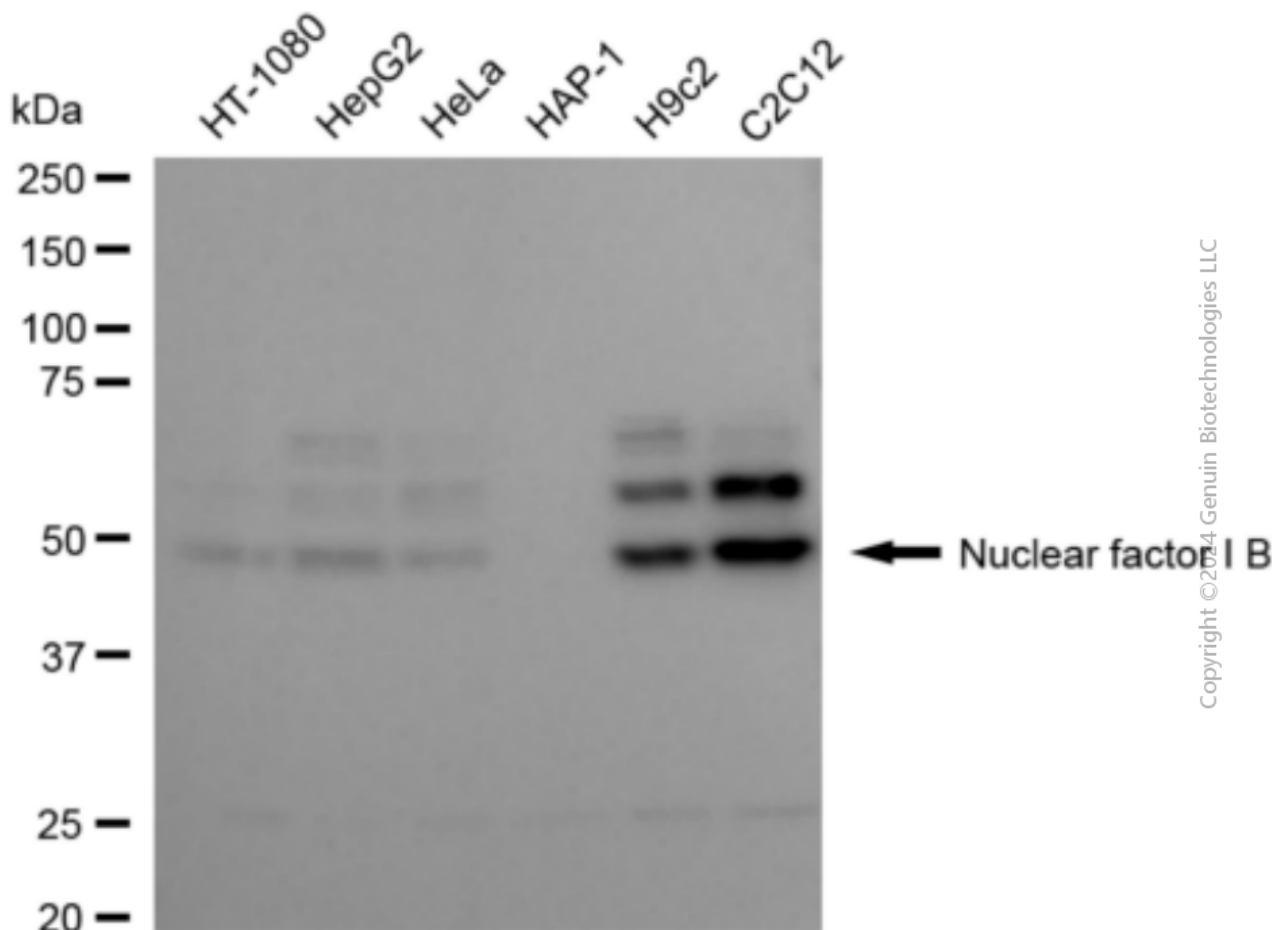
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1:1,000). Nuclei were stained blue with DAPI; Nuclear factor I B was stained magenta with Alexa Fluor® 647. Images were taken using leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-Nuclear factor I B antibody (Cat#3007). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Nuclear factor I B antibody (Cat#3007, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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