# **Anti-Phospho-Nrf2 (Ser40) Rabbit Monoclonal Antibody**



**Catalog #: 3192** 

#### **Aliases**

NFE2L2; NFE2 Like BZIP Transcription Factor 2; NRF2; NRF-2; Nuclear Factor Erythroid 2-Related Factor 2; Nuclear Factor, Erythroid 2 Like 2; NF-E2-Related Factor 2; HEBP1; Nuclear Factor (Erythroid-Derived 2)-Like 2; Nuclear Factor, Erythroid Derived 2, Like 2; Nuclear Factor Erythroid-Derived 2-Like 2; Nuclear Factor, Erythroid 2-Like 2; NFE2-Related Factor 2; IMDDHH; Nrf-2

### **Background**

Gene Name: NFE2L2 NCBI Gene Entry: 4780 UniProt Entry: Q16236

# **Application Information**

Molecular Weight: Predicted, 68 kDa; observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4450

Species Reactivity: Human, mouse

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

### **Immunogen**

A synthesized peptide derived from human Phospho-Nrf2 (S40)

## **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

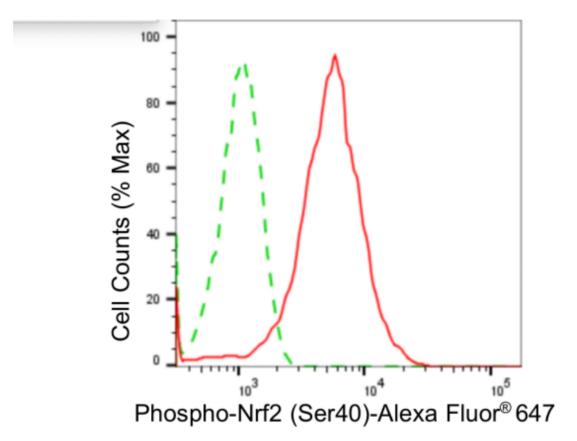
Immunocytochemistry (IC): 1:100-1:1,000

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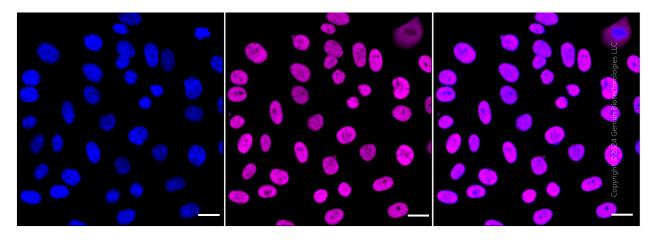
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**Note:** This product is for research use only.

#### **Validation Data**



Flow cytometric analysis of phospho-Nrf2 (Ser40) expression in HepG2 cells using anti-phospho-Nrf2 (Ser40) antibody (Cat#3192, 1:2,000). Green, isotype control; red, phospho-Nrf2 (Ser40).

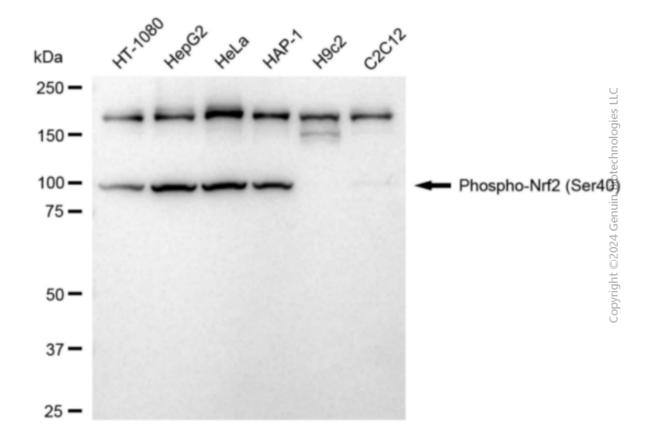


Immunocytochemical staining of HepG2 cells with anti-Phospho-Nrf2 (Ser40) antibody (Cat#3192, 1:1,000). Nuclei were stained blue with DAPI; Phospho-Nrf2 (Ser40) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μm.

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Western blotting analysis using anti-phospho-Nrf2 (Ser40) antibody (Cat#3192). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-Nrf2 (Ser40) antibody (Cat#3192, 1:5,000) and HRP-conjugated goat antirabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ<sup>TM</sup> ECL Substrate Kit (Cat#716).