

# Anti-Bak Recombinant Rabbit Monoclonal Antibody



**Catalog #: 1113**

## Aliases

BAK1; BCL2 Antagonist/Killer 1; BCL2L7; BAK; CDN1; Bcl-2 Homologous Antagonist/Killer; Apoptosis Regulator BAK; Bcl-2-Like Protein 7; Bcl2-L-7; Pro-Apoptotic Protein BAK; BCL2-Antagonist/Killer 1; BCL2-Like 7 Protein; BAK-LIKE

## Background

Gene Name: BAK1

NCBI Gene Entry: [578](#)

UniProt Entry: [Q16611](#)

## Application Information

Molecular Weight: Predicted, 23 kDa; observed, 23 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB7960

Species Reactivity: Human

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

## Immunogen

A synthesized peptide derived from human Bak

## 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

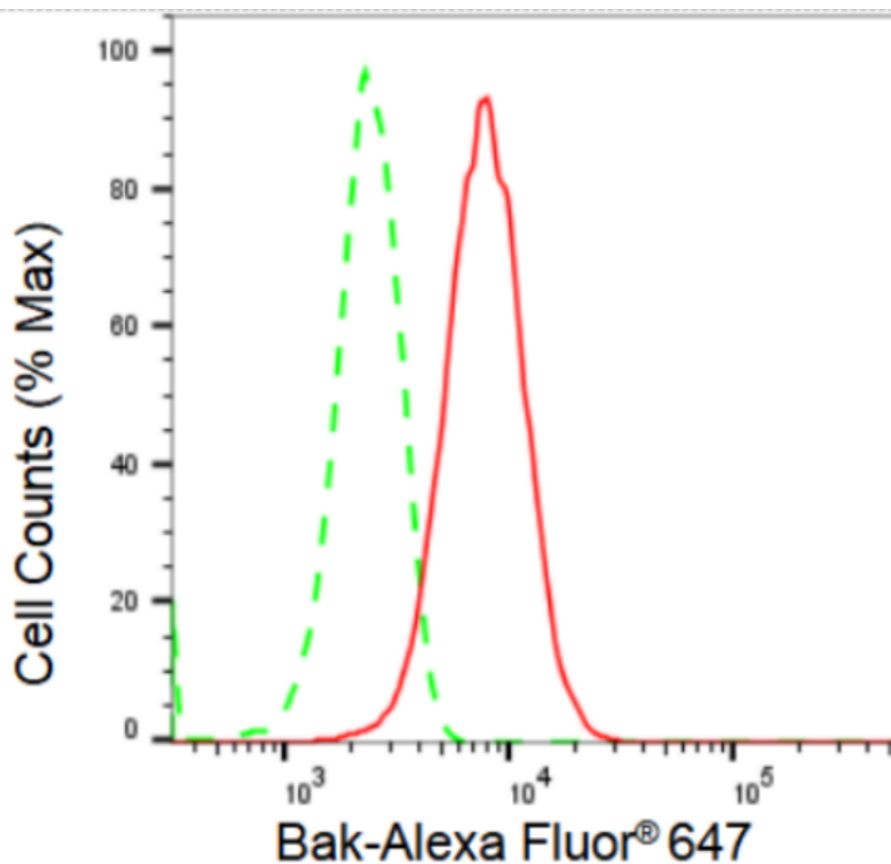
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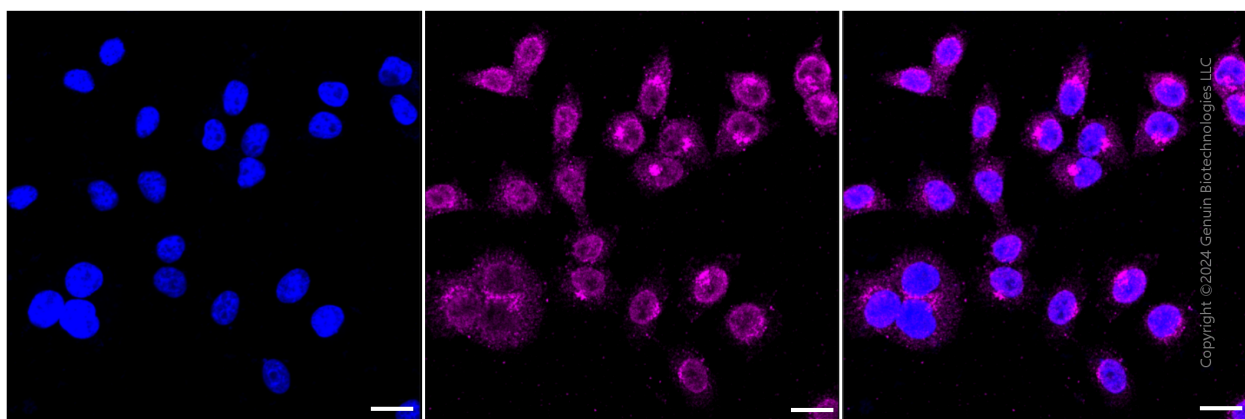
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## Validation Data



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Flow cytometric analysis of Bak expression in HepG2 cells using Bak antibody (Cat#1113, 1:2,000). Green, isotype control; red, Bak.



Immunocytochemical staining of HepG2 cells with Bak antibody (Cat#1113, 1:1,000). Nuclei were stained blue with DAPI; Bak 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.

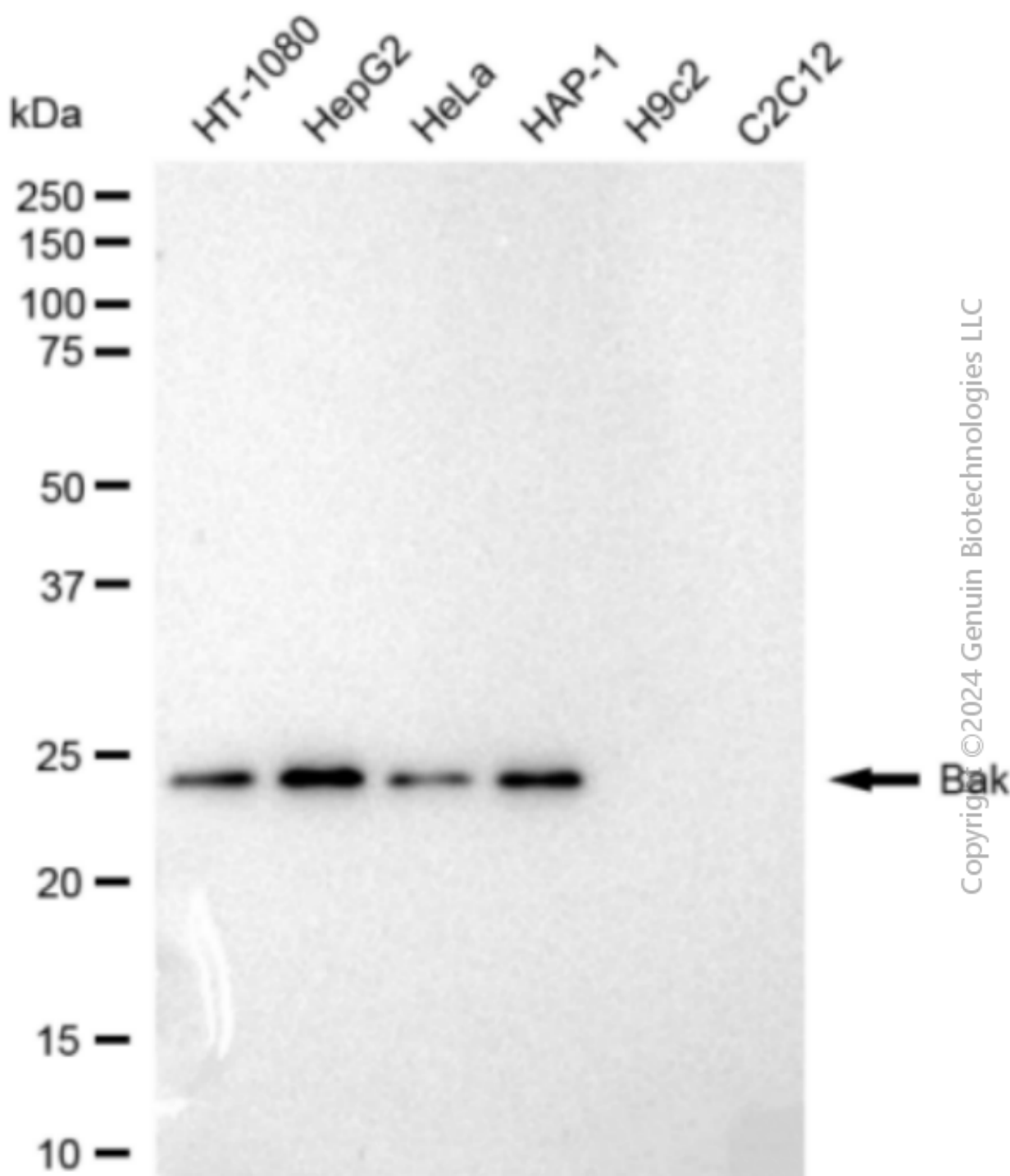
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Western blotting analysis using anti-Bak antibody (Cat#1113). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Bak antibody (Cat#1113, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).