

**Catalog #: 69133** 

#### **Aliases**

BAG3; BAG Cochaperone 3; BAG Family Molecular Chaperone Regulator 3; BCL2 Associated Athanogene 3; Bcl-2-Binding Protein Bis; Docking Protein CAIR-1; BAG-3; BIS; Bcl-2-Binding Protein BIS Transcript 2; Bcl-2-Associated Athanogene 3; BCL2-Binding Athanogene 3; CAIR-1; MFM6

### **Background**

Gene Name: BAG3 NCBI Gene Entry: 9531 UniProt Entry: O95817

### **Application Information**

Molecular Weight: Predicted, 62 kDa, observed, 80 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1520

Species Reactivity: Human, mouse

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

#### **Immunogen**

A synthesized peptide derived from human Bag3

### **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**

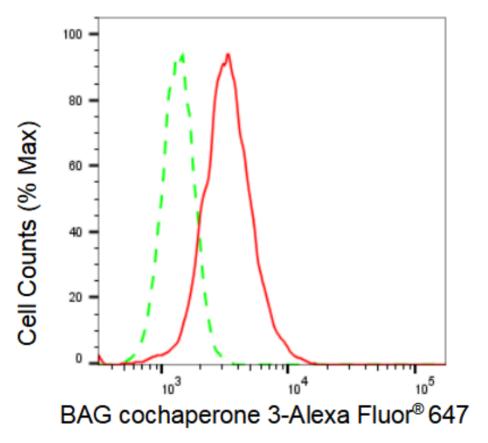
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

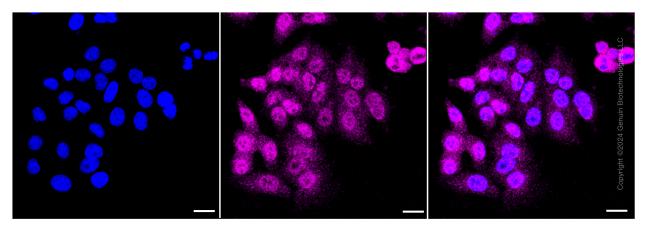
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

#### **Validation Data**

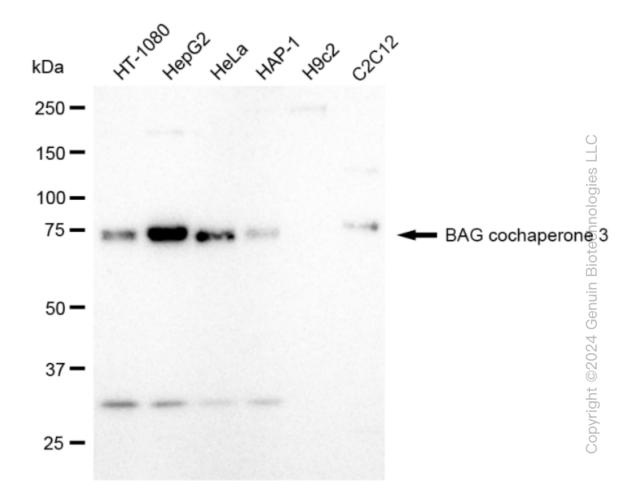


Flow cytometric analysis of BAG cochaperone 3 expression in HepG2 cells using BAG cochaperone 3 antibody (Cat#69133, 1:2,000). Green, isotype control; red, BAG cochaperone 3.

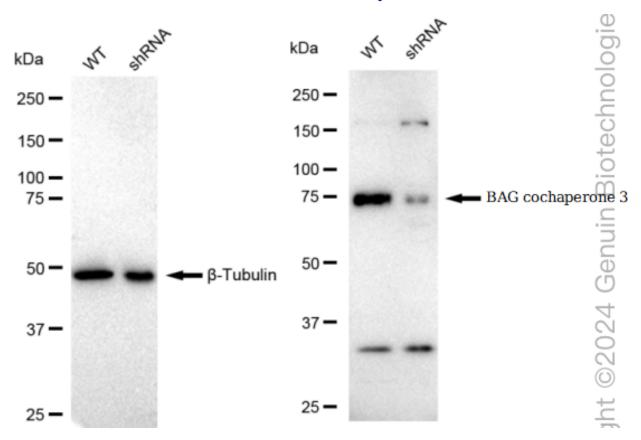


Immunocytochemical staining of HepG2 cells with BAG cochaperone 3 antibody (Cat#69133, 1:1,000). Nuclei were stained blue with DAPI; BAG cochaperone 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.

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Western blotting analysis using anti-BAG cochaperone 3 antibody (Cat#69133). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BAG cochaperone 3 antibody (Cat#69133, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ<sup>TM</sup> ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-BAG cochaperone 3 antibody (Cat#69133). BAG cochaperone 3 expression in wild type (WT) and BAG cochaperone 3 shRNA knockdown (KD) Hela cells with 30 μg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-BAG cochaperone 3 antibody (Cat#69133, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ<sup>TM</sup> ECL Substrate Kit (Cat#226).