

Catalog #: 61410

Aliases

BCL10; BCL10 Immune Signaling Adaptor; CIPER; C-E10; ME10; CLAP; CARMEN; CED-3/ ICH-1 Prodomain Homologous E10-Like Regulator; Mammalian CARD-Containing Adapter Molecule E10; CARD-Containing Molecule Enhancing NF-Kappa-B; Caspase-Recruiting Domain-Containing Protein; CARD-Containing Apoptotic Signaling Protein; CARD Containing Molecule Enhancing NF-KB; CARD-Containing Proapoptotic Protein; CARD-Like Apoptotic Protein; B-Cell Lymphoma/Leukemia 10; Cellular Homolog Of VCARMEN; B Cell CLL/Lymphoma 10; Cellular-E10; CCARMEN; HCLAP; BCL10, Immune Signaling Adaptor; B-Cell; CLL/Lymphoma 10; Bcl-10; IMD37

Background

Gene Name: BCL10 NCBI Gene Entry: 8915 UniProt Entry: 095999

Application Information

Molecular Weight: Predicted, 26 kDa, observed, 26, 50 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1410 Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human Bcl10

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

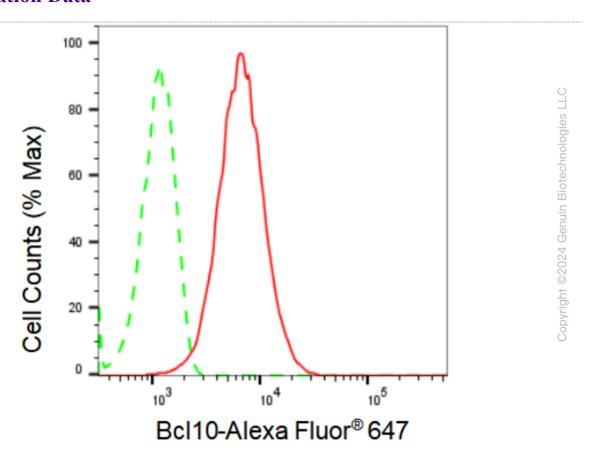
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

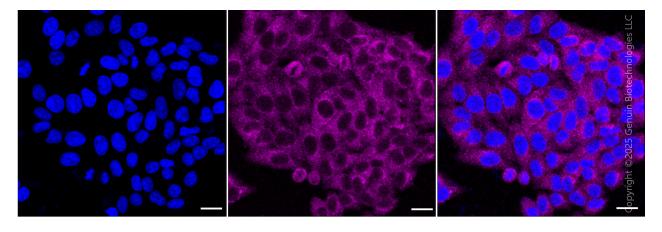
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

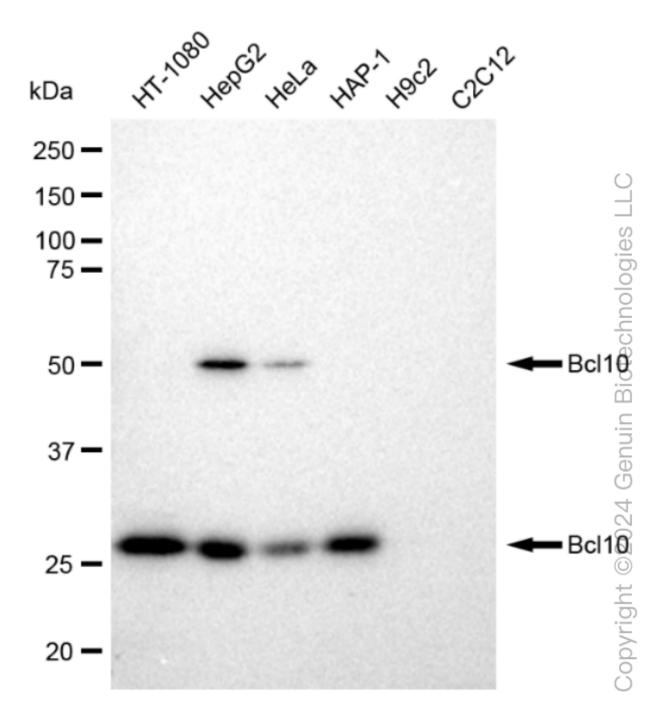


Flow cytometric analysis of Bcl10 expression in HepG2 cells using Bcl10 antibody (Cat#61410, 1:2,000). Green, isotype control; red, Bcl10.



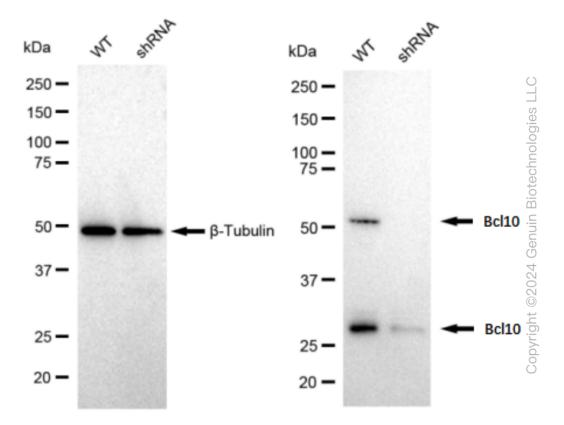
Immunocytochemical staining of HepG2 cells with anti-Bcl10 antibody (Cat#61410, 1:1000).

Nuclei were stained blue with DAPI; Bcl10 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.



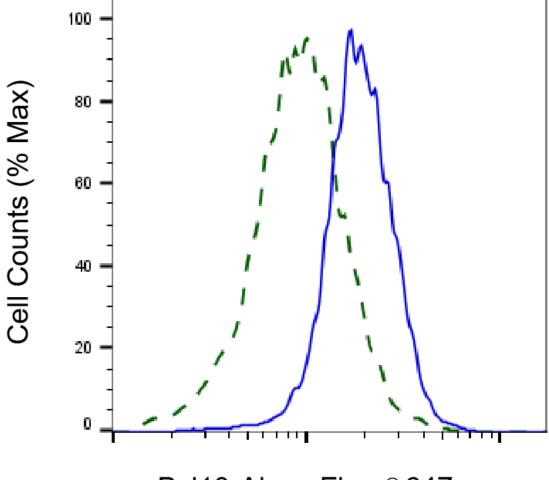
Western blotting analysis using anti-Bcl10 antibody (Cat#61410). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Bcl10 antibody (Cat#61410, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit

(Cat#226).



Western blotting analysis using anti-Bc110 antibody (Cat#61410). Bc110 expression in wild type (WT) and Bc110 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-Bc110 antibody (Cat#61410, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).





Bcl10-Alexa Fluor® 647

Validation of Bcl10 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-Bcl10 antibody (Cat#61410, 1:2,000) and analyzed using BD flow cytometer.