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Datasheet for ABIN950621  
**anti-BCL10 antibody (N-Term)**

4 Images

### Overview

Quantity:	0.4 mL
Target:	BCL10
Binding Specificity:	AA 27-55, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCL10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human BCL10
Isotype:	Ig Fraction
Specificity:	This antibody reacts to Bcl-10.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

### Target Details

Target:	BCL10
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## Target Details

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Alternative Name: Bcl-10 ([BCL10 Products](#))

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Background: This gene was identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. The protein encoded by this gene contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. This protein is reported to interact with other CARD domain containing proteins including CARD9, 10, 11 and 14, which are thought to function as upstream regulators in NF-kappaB signaling. This protein is found to form a complex with MALT1, a protein encoded by another gene known to be translocated in MALT lymphoma. MALT1 and this protein are thought to synergize in the activation of NF-kappaB, and the deregulation of either of them may contribute to the same pathogenetic process that leads to the malignancy. Synonyms: B-cell CLL/Lymphoma 10, BCL10, CARD-containing molecule enhancing NF-kappa-B, CARD-like apoptotic protein, CED-3/ICH-1 prodomain homologous E10-like regulator, CIPER, CLAP, Cellular homolog of vCARMEN, Cellular-E10, Mammalian CARD-containing adapter molecule E10, c-E10, cCARMEN, hCLAP, mE10

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Gene ID: 8915

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NCBI Accession: [NP\\_003912](#)

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Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Tube Formation](#), [Positive Regulation of Endopeptidase Activity](#), [BCR Signaling](#), [Ubiquitin Proteasome Pathway](#), [S100 Proteins](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 0.25 mg/mL

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Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

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Preservative: Sodium azide

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Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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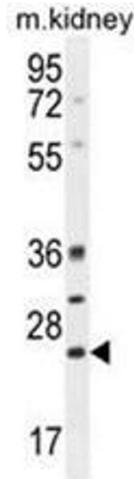
## Handling

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

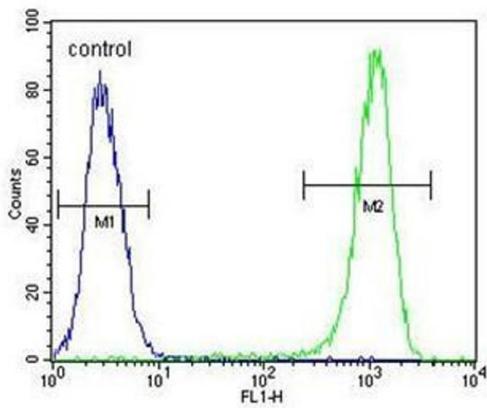
## Images



### Western Blotting

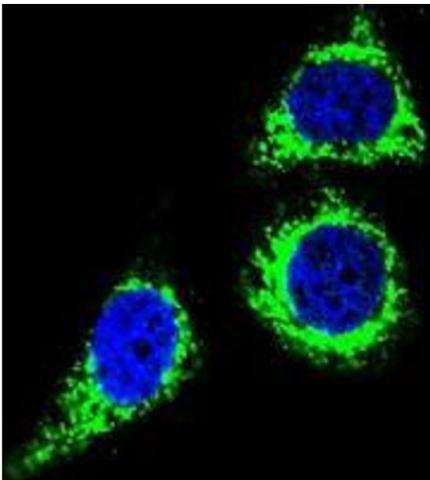
**Image 1.** BCL10 Antibody (N-term) western blot analysis in mouse kidney tissue lysates (35µg/lane). This demonstrates the BCL10 antibody detected the BCL10 protein (arrow).

### MCF-7



### Flow Cytometry

**Image 2.** BCL10 Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of BCL10 Antibody (N-term) (Cat#AP50354PU-N) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

## Images

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Please check the [product details page](#) for more images. Overall 4 images are available for ABIN950621.