



## B-cell CLL/lymphoma 10 (BCL10) polyclonal antibody

Cat. No.	Format	Size
PAB-10129	Purified	100 µg

**Animal ID:**

RC40104

**Host:**

Rabbit

**Reactivity:**

human

**Buffers:**

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

**Storage:**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

**Application:**

Tested by peptide-specific ELISA (1:1,000).

**Immunogen:**

N/A

**Accession number:**

[NM\\_003921](#)

**Description:**

[B-cell CLL/lymphoma 10 \(BCL10\)](#) was originally identified by its translocation in a case of mucosa-associated lymphoid tissue (MALT) lymphoma. BCL10 protein contains a caspase recruitment domain (CARD), and has been shown to induce apoptosis and to activate NF-kappaB. By interacting with other CARD domain containing proteins including CARD9, 10, 11 and 14, BCL10 is thought to function as one of the upstream regulators in NF-kappaB signaling. Additionally, BCL10 is found to form a complex with MALT1, a protein known to be translocated in MALT lymphomas. MALT1 and BCL10 cooperate in the activation of NF-kappaB, and the deregulation of either one of them may contribute to the same pathogenetic process that leads to the malignancy.

**Alternative Name(s):**

CLAP, mE10, CIPER, c-E10, CARMEN, CARD-like apoptotic protein, CARD-containing proapoptotic protein, CARD containing molecule enhancing NF-kB, CARD-containing apoptotic signaling protein, caspase-recruiting domain-containing protein

**References:**

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- [Bertoni F, Cavalli F, Cotter FE, Zucca E:](#) Genetic alterations underlying the pathogenesis of MALT lymphoma. *Hematol. J.* 3(1): 10-13 (2002).
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