

## Mouse Monoclonal Antibody to BCL-10

<b>Catalogue Number</b>	sAP-0003
<b>Target Molecule</b>	<b>Name: BCL-10</b> <b>Aliases:</b> CLAP; Me10; CIPER; c-E10; CARMEN <b>MW: 26kDa</b> <b>Entrez Gene ID: 8915</b>
<b>Description</b>	<p>Bcl-10 (B-cell CLL/lymphoma 10), also known as CLAP, Me10, CIPER, c-E10, CARMEN. Entrez Protein NP_003912. It is a protein containing a caspase recruitment domain (CARD). It plays an important role in apoptosis and activating NF-kappaB. The research suggested that it interacted with other CARD domain containing proteins including CARD9, 10, 11 and 14, which were thought to function as upstream regulators in NF-kappaB signaling. Bcl-10 is found to form a complex with MALT1 which encoded by another gene known to be translocated in MALT lymphoma. MALT1 and Bcl-10 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.</p>
<b>Immunogen</b>	Purified recombinant fragment of human BCL-10 expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse
<b>Clone</b>	MM4F8;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Willis, T.G., et al. (1999) Cell. 96, 35-45. ; 2. Lucas, P.C., et al. (2001) J. Biol.Chem. 276, 19012-19019. ; 3. Wang, L., et al. (2001) J. Biol.Chem. 276, 21405-21409 ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**