

## Product datasheet for **TA800451**

### **BCL10 Mouse Monoclonal Antibody [Clone ID: OTI6A8]**

#### **Product data:**

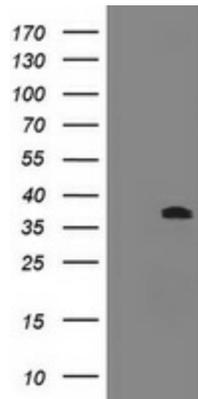
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI6A8
<b>Applications:</b>	IHC, WB
<b>Recommend Dilution:</b>	WB 1:500, IHC 1:150
<b>Reactivity:</b>	Human, Dog
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human BCL10 (NP_003912) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	26.1 kDa
<b>Gene Name:</b>	B-cell CLL/lymphoma 10
<b>Database Link:</b>	<a href="#">NP_003912 Entrez Gene</a> <a href="#">490183 DogEntrez Gene</a> <a href="#">8915 Human</a>
<b>Background:</b>	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. [provided by RefSeq, Jul 2008]
<b>Synonyms:</b>	c-E10; CARMEN; CIPER; CLAP; IMD37; mE10
<b>Protein Families:</b>	Druggable Genome



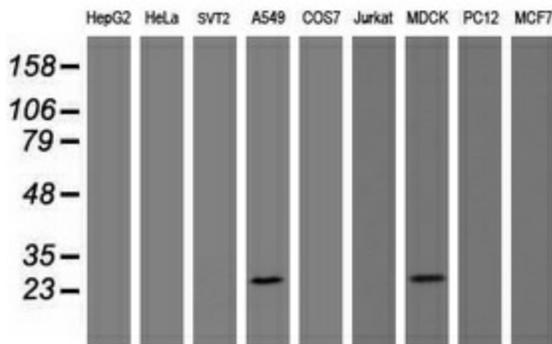
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**Protein Pathways:** B cell receptor signaling pathway, T cell receptor signaling pathway

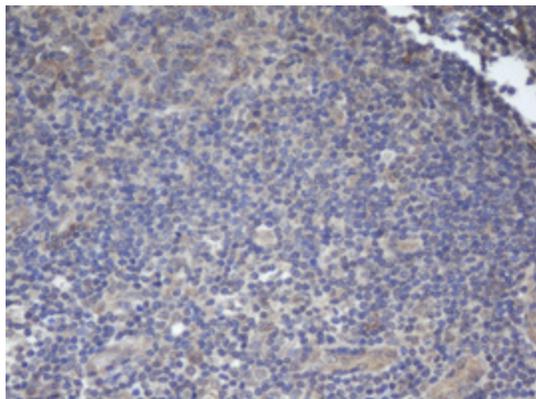
**Product images:**



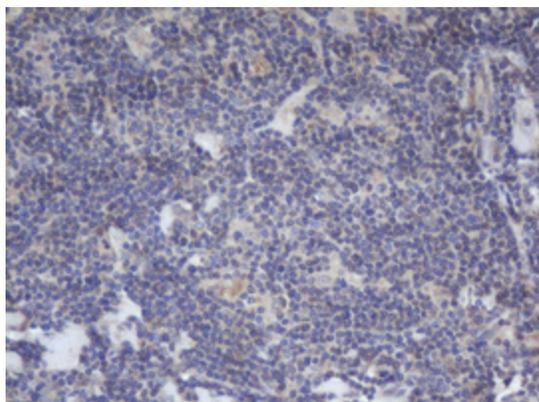
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BCL10 ([RC208752], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BCL10. Positive lysates [LY418351] (100ug) and [LC418351] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-BCL10 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-BCL10 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA800451)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-BCL10 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA800451)