

Datasheet: MCA2750PE

Description:	MOUSE ANTI HUMAN Bcl-10:RPE
Specificity:	Bcl-10
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	151
Isotype:	IgG1
Quantity:	100 TESTS

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry (1)	▪			Neat

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1)Membrane permeabilisation is required for this application. Bio-Rad recommends the use of Leucoperm™ (Product Code [BUF09](#)) for this purpose.

Target Species	Human		
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized		
Reconstitution	Reconstitute with 1.0ml distilled water		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide (NaN ₃)		
Stabilisers	1% Bovine Serum Albumin		

5% Sucrose

Immunogen	Full length recombinant Bcl-10.
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External Database Links	UniProt: O95999 Related reagents
	Entrez Gene: 8915 BCL10 Related reagents

Synonyms	CIPER, CLAP
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RRID	AB_2243513
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Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the NS0 myeloma cell line.
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Specificity	<p>Mouse anti Human Bcl-10 antibody, clone 151 recognizes human B-cell lymphoma/leukaemia 10 (Bcl-10), a 31kD CARD (caspase recruitment domain) containing molecule that is involved in the regulation of apoptosis. Bcl-10 was originally identified through its direct involvement in t(1;14)(p22;q32) of mucosa-associated lymphoid tissue (MALT) lymphoma. The Bcl-10 molecule is predominantly located in the cytoplasm but expression has also been reported in the nucleus of some lymphomas.</p> <p>Reports suggest that Bcl-10 is essential for nuclear factor (NF)-kappaB activation after lymphocyte receptor antigen stimulation and for the development of mature B-cells via ubiquitination of NEMO (Zhouet al. 2004).</p>
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Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
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References	<ol style="list-style-type: none">1. Ye, H. <i>et al.</i> (2005) MALT lymphoma with t(14;18)(q32;q21)/<i>IGH-MALT1</i> is characterized by strong cytoplasmic MALT1 and BCL10 expression. J Pathol. 205:293 – 301.2. Ye, H. <i>et al.</i> (2000) BCL10 expression in normal and neoplastic lymphoid tissue. Nuclear localization in MALT lymphoma. Am J Pathol. 157:1147-54.
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Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of reconstitution.
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Health And Safety Information	Material Safety Datasheet documentation #10075 available at: 10075: https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:RPE \(MCA928PE\)](#)

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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