

## Datasheet: MCA2750PE

<b>Description:</b>	MOUSE ANTI HUMAN Bcl-10:RPE
<b>Specificity:</b>	Bcl-10
<b>Format:</b>	RPE
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	151
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.**

<b>Target Species</b>	Human		
<b>Product Form</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized		
<b>Reconstitution</b>	Reconstitute with 1.0ml distilled water		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	RPE 488nm laser	496	578
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )		
<b>Stabilisers</b>	1% Bovine Serum Albumin 5% Sucrose		
<b>Immunogen</b>	Full length recombinant Bcl-10.		
<b>External Database Links</b>	<b>UniProt:</b>		
	<a href="#">O95999</a>	<a href="#">Related reagents</a>	

**Entrez Gene:**[8915](#) BCL10 [Related reagents](#)

---

<b>Synonyms</b>	CIPER, CLAP
-----------------	-------------

---

<b>Fusion Partners</b>	Spleen cells from immunised Balb/c mice were fused with cells of the NS0 myeloma cell line.
------------------------	---

---

<b>Specificity</b>	<p><b>Mouse anti Human Bcl-10 antibody, clone 151</b> 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 (<a href="#">Zhouet al. 2004</a>).</p>
--------------------	--

---

<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.
-----------------------	---

---

<b>References</b>	<ol style="list-style-type: none"><li>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. <a href="#">J Pathol. 205:293 – 301.</a></li><li>2. Ye, H. <i>et al.</i> (2000) BCL10 expression in normal and neoplastic lymphoid tissue. Nuclear localization in MALT lymphoma. <a href="#">Am J Pathol. 157:1147-54.</a></li></ol>
-------------------	---

---

<b>Storage</b>	<p>Store at +4°C. DO NOT FREEZE.</p> <p>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.</p>
----------------	--

---

<b>Shelf Life</b>	12 months from date of reconstitution.
-------------------	--

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10075 available at: 10075: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf</a>
--------------------------------------	---

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

## Related Products

### Recommended Negative Controls

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

### Recommended Useful Reagents

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

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

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M300575:170106'

