

Datasheet: MCA2750GA

Description:	MOUSE ANTI HUMAN Bcl-10
Specificity:	Bcl-10
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	151
Isotype:	IgG1
Quantity:	0.1 mg

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)	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (2)	▪			1/50 - 1/800
ELISA	▪			
Immunoprecipitation	▪			
Western Blotting	▪			
Functional Assays			▪	

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.

(2)This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Full length recombinant Bcl-10.
External Database Links	<p>UniProt: O95999 Related reagents</p> <p>Entrez Gene: 8915 BCL10 Related reagents</p>
Synonyms	CIPER, CLAP
RRID	AB_1604653
Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the NS0 myeloma cell line.
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 (Zhou et al. 2004).</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Histology Positive Control Tissue	Human tonsil
Western Blotting	MCA2750GA detects bands of approximately 32kDa and 37kDa in cell lysates.
References	<ol style="list-style-type: none"> 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. 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.
Storage	Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@680 , DyLight@800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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