

Datasheet: VMA00017

Description:	MOUSE ANTI Bcl-2
Specificity:	Bcl-2
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Isotype:	IgG1
Quantity:	100 µl

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
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: African green monkey N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Synthetic peptide corresponding to amino acids 41-54 of human bcl-2
External Database Links	UniProt: P10415 Related reagents Entrez Gene: 596 BCL2 Related reagents
Specificity	Mouse anti Human bcl-2 antibody recognizes the human apoptosis regulator bcl-2 oncoprotein, a

239 amino acid integral single pass membrane protein containing 4 [BH motifs](#) which lies within the cell rather than on the cell surface. The protein is localized to the outer mitochondrial membrane and plays a role in the inhibition of apoptosis.

Mouse anti Human bcl-2 antibody reacts with small B lymphocytes in the mantle zone and many cells within T cell areas. Very few cells in germinal centres are stained. In the thymus many cells in the medulla are stained but the cortex shows weak or negative staining. In non-hematopoietic tissues few cells are stained ([Krajewski et al. 1995](#)). The antibody reacts with neoplastic cells of follicular lymphoma and anaplastic large cell lymphoma ([Reed 1997](#)).

Mouse anti Human bcl-2 antibody recognizes bcl-2 as a ~26 kDa single band by western blotting in various human cell lysates and the COS-7 cell line.

Western Blotting	Anti bcl-2 antibody detects a band of approximately 26 kDa in Jurkat cell lysates.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 12 months from date of despatch.
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

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

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