

Anti-Bcl-2 Antibody [100/D5] (A249864)

Specifications:

Name:	Anti-Bcl-2 Antibody [100/D5]
Description:	Mouse monoclonal [100/D5] antibody to Bcl-2.
Specificity:	This antibody recognizes a protein of 25-26kDa, identified as the bcl-2 lpha oncoprotein. It shows no cross-reaction with Bcl-x or Bax protein. Expression of bcl-2 lpha oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of bcl-2 lpha protein, whereas the normal or hyperplastic germinal centers are negative. Consequently, this antibody is valuable when distinguishing between reactive and neoplastic follicular proliferation in lymph node biopsies. It may also be used in distinguishing between those follicular lymphomas that express bcl-2 protein and the small number in which the neoplastic cells are bcl-2 negative.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody does not cross react with Mouse or Rat.
Immunogen:	Synthetic peptide corresponding to amino acids 41-54 of human Bcl-2 protein.
Sequence:	GAAPAPGIFSSQPG-Cys
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	100/D5
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

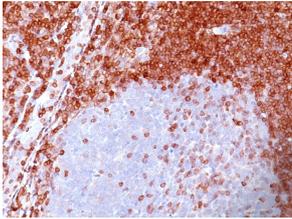
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Specifications continued:

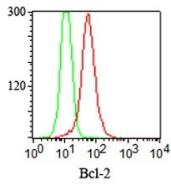
General Notes: This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Bcl-2 Antibody [100/D5] - BSA and Azide free (A253044).

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

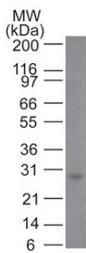
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human non-Hodgkin's lymphoma using Anti-Bcl-2 Antibody [100/D5].



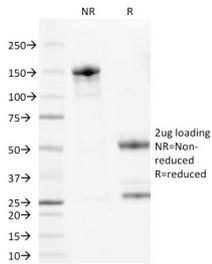
Intracellular staining of Bcl-2 in Jurkat cells using Anti-Bcl-2 Antibody [100/D5] (red) and isotype control (green).



Western blot analysis of human skin tissue lysate using Anti-Bcl-2 Antibody [100/D5].

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Images continued:



SDS-PAGE analysis of Anti-Bcl-2 Antibody [100/D5] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.