

Datasheet for ABIN3026611

anti-Bcl-2 antibody





Overview

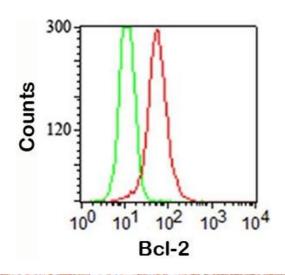
Quantity:	100 μg
Target:	Bcl-2 (BCL2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Amino acids GAAPAPGIFSSQPG (41-54) of the human protein were used as the immunogen for this Bcl-2 antibody.
Clone:	100-D5
Isotype:	IgG1 kappa
No Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Characteristics:	This antibody recognizes a protein of 25-26 kDa, identified as the Bcl-2 alpha oncoprotein. It shows no cross-reaction with Bcl-x or Bax. Expression of Bcl-2 alpha oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of the protein, whereas the normal or hyperplastic germinal centers are negative. Consequently, Bcl-2 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 and the small number in which the neoplastic cells are negative.

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Handling	Restrictions:	For Research Use only
	Handling	
Concentration: 1 mg/mL	Concentration:	1 mg/mL

Handling

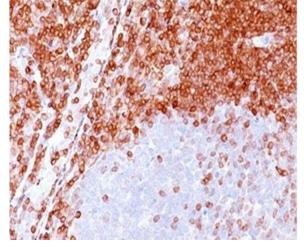
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Bcl-2 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Images



Flow Cytometry

Image 1. FACS staining (intracellular) of Jurkat cells using 100/D5 antibody (red) and isotype control (green).



Immunohistochemistry

Image 2. IHC testing of formalin-paraffin non-Hodgkin's lymphoma stained with Bcl-2 antibody (100/D5). Note nuclear membrane & cytoplasmic staining.