

# Product Datasheet

## Bcl-2 Antibody (100/D5+124) - Azide and BSA Free NBP2-34515-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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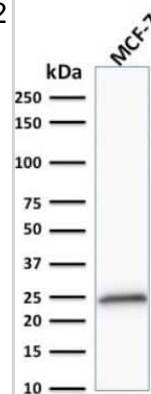
**NBP2-34515-0.1mg**

Bcl-2 Antibody (100/D5+124) - Azide and BSA Free

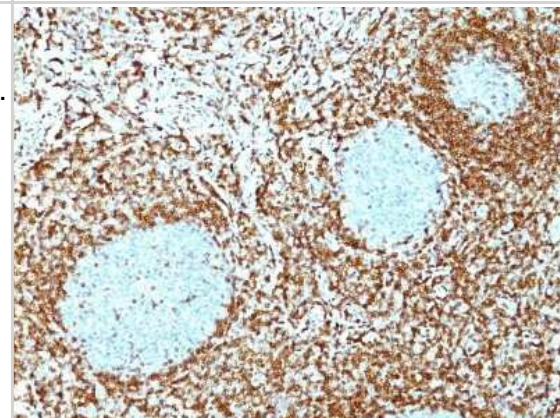
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	100/D5+124
Preservative	No Preservative
Isotype	IgG1 Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34444).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	596
Gene Symbol	BCL2
Species	Human, Mouse (Negative), Rat (Negative)
Reactivity Notes	Does not react with Mouse or Rat.
Marker	Apoptosis & Follicular Lymphoma Marker
Specificity/Sensitivity	This antibody recognizes a protein of 25-26kDa, identified as the Bcl-2 alpha oncoprotein. It shows no cross-reaction with Bcl-x or Bax protein. Expression of Bcl-2 alpha oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of Bcl-2 alpha 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.
Immunogen	A synthetic peptide, aa41-54 (GAAPAPGIFSSQPG-Cys) of human Bcl-2 (100/D5 & 124) (Uniprot: P10415)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 0.5-1 ug/ml, Flow Cytometry 0.5-1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/ml, Immunohistochemistry-Paraffin 0.5-1 ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA Buffer, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

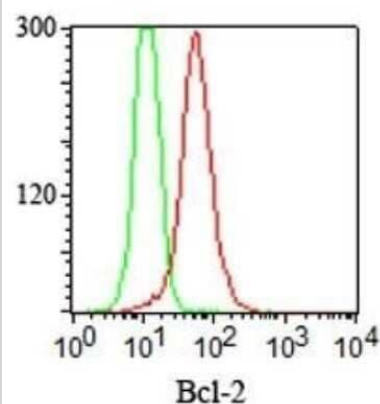
Western Blot: Bcl-2 Antibody (100/D5+124) - Azide and BSA Free [NBP2-34515] - Western Blot Analysis of MCF-7 cell lysate using Bcl-2 Antibody (100/D5+124).



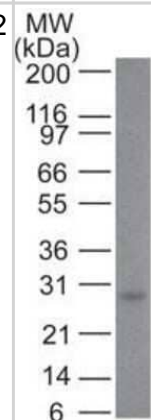
Immunohistochemistry-Paraffin: Bcl-2 Antibody (100/D5+124) - Azide and BSA Free [NBP2-34515] - Formalin-fixed, paraffin-embedded human non-Hodgkin's lymphoma stained with Bcl-2 MAb (100/D5 + 124). Note nuclear membrane & cytoplasmic staining.



Flow Cytometry: Bcl-2 Antibody (100/D5+124) - Azide and BSA Free [NBP2-34515] - Intracellular staining of Bcl-2 in Jurkat cells using Bcl-2 MAb (100/D5 + 124) (red) and isotype control (green).



Western Blot: Bcl-2 Antibody (100/D5+124) - Azide and BSA Free [NBP2-34515] - Western blot analysis of Bcl-2 in human skin using Bcl-2 Ab (100/D5 + 124).





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### Products Related to NBP2-34515-0.1mg

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-34889-100ug	Recombinant Human Bcl-2 Protein
210-TA-005	TNF-alpha [Unconjugated]

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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