Product Datasheet

Bcl-2 Antibody (BCL2/2210R) - Azide and BSA Free
NBP2-75764

Unit Size: 100 ug

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

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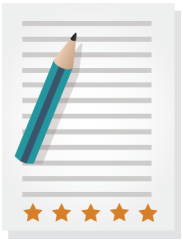


NBP2-75764

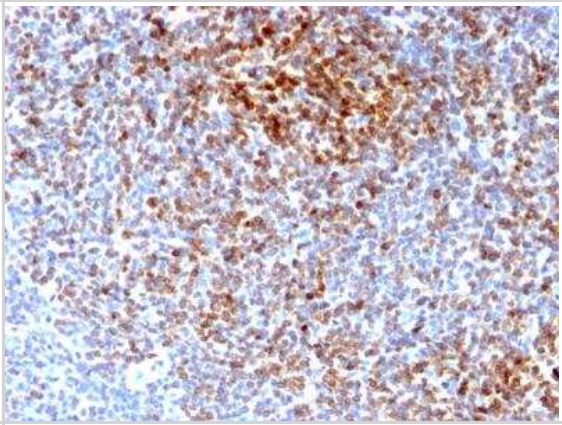
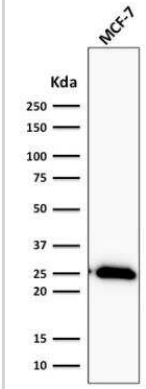
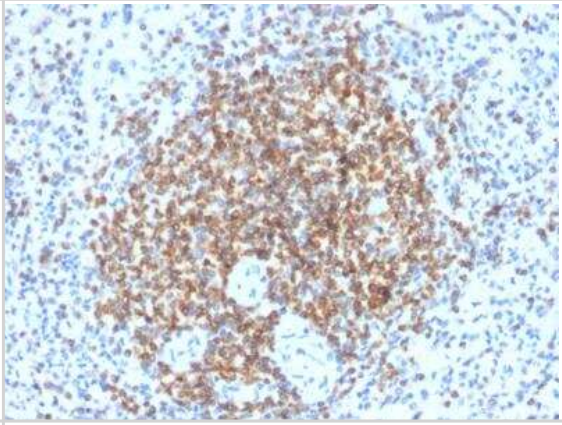
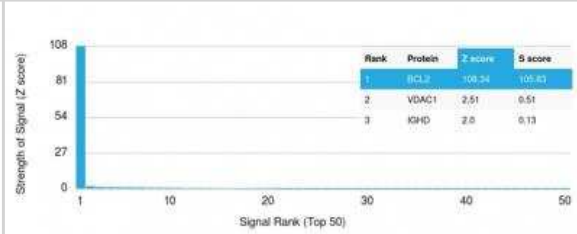
Bcl-2 Antibody (BCL2/2210R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BCL2/2210R
Preservative	No Preservative
Isotype	IgG
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 (NBP2-75761). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	596
Gene Symbol	BCL2
Species	Human
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	Recombinant full-length human bcl-2 protein (Uniprot: P10415)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA, pH 7.5-8.5, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: Bcl-2 Antibody (BCL2/2210R) - Azide and BSA Free [NBP2-75764] - FFPE human Follicular Lymphoma stained with Bcl-2 Rabbit Recombinant Monoclonal Antibody (BCL2/2210R).	
Western Blot: Bcl-2 Antibody (BCL2/2210R) - Azide and BSA Free [NBP2-75764] - Analysis of human MCF-7 cell lysate using Bcl-2 Rabbit Recombinant Monoclonal Antibody (BCL2/2210R).	
Immunohistochemistry-Paraffin: Bcl-2 Antibody (BCL2/2210R) - Azide and BSA Free [NBP2-75764] - FFPE human spleen stained with Bcl-2 Rabbit Recombinant Monoclonal Antibody (BCL2/2210R).	
Protein Array: Bcl-2 Antibody (BCL2/2210R) - Azide and BSA Free [NBP2-75764] - Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.	

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Products Related to NBP2-75764

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-56098PEP	Bcl-2 Antibody Blocking Peptide

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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