

# Product Datasheet

## **Bcl-2 Antibody (BCL2/6426R) [Alexa Fluor® 488] NBP3-08574AF488**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08574AF488**

Bcl-2 Antibody (BCL2/6426R) [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BCL2/6426R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	596
<b>Gene Symbol</b>	BCL2
<b>Species</b>	Human
<b>Marker</b>	Apoptosis& Follicular Lymphoma Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	A synthetic peptide, aa41-54 (GAAPAGIFSSQPG-Cys) of human Bcl-2 protein. (Uniprot: P10415 )



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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-08574AF488**

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NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NBP2-34889-100ug	Recombinant Human Bcl-2 Protein
210-TA-005	TNF-alpha [Unconjugated]
DYC827B-2	Bcl-2 [Biotin]

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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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