

# Product Datasheet

## **Bcl-2 Antibody (SPM530) [Biotin] NBP2-34442B**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34442B**

Bcl-2 Antibody (SPM530) [Biotin]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | SPM530  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | Biotin  |
| Purity              | Protein A or G purified   |
| Buffer              | PBS   |

| Product Description     |  |
|-------------------------|--|
| Description             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  |
| 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 protein (Uniprot: P10415)   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |





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### **Products Related to NBP2-34442B**

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|                  |   |
|------------------|---|
| NBP2-29370       | Streptavidin Native Protein                 |
| IC002B           | Mouse IgG1 Isotype Control (11711) [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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