

# Product Datasheet

## CD5 Antibody (B-B8) [FITC] NBP2-47981F

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 9/10/2023 v.20.1

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**NBP2-47981F**

CD5 Antibody (B-B8) [FITC]

**Product Information**

|                      |   |
|----------------------|---|
| <b>Unit Size</b>     | 0.1 ml  |
| <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>         | B-B8  |
| <b>Preservative</b>  | 0.05% Sodium Azide  |
| <b>Isotype</b>       | IgG1 Kappa  |
| <b>Conjugate</b>     | FITC  |
| <b>Purity</b>        | Protein A or G purified   |
| <b>Buffer</b>        | PBS   |

**Product Description**

|                                |  |
|--------------------------------|--|
| <b>Host</b>                    | Mouse  |
| <b>Gene ID</b>                 | 921  |
| <b>Gene Symbol</b>             | CD5  |
| <b>Species</b>                 | Human  |
| <b>Marker</b>                  | Mantle Cell Lymphoma Marker  |
| <b>Specificity/Sensitivity</b> | Recognizes a 67kDa transmembrane protein which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic B-cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL), mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphoma. CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms. Note that this MAb is not suitable for frozen tissues. |
| <b>Immunogen</b>               | T cells activated with PHA   |
| <b>Notes</b>                   | 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.  |

**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence |
| <b>Recommended Dilutions</b> | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunofluorescence |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.     |



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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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