

# Product Datasheet

## **CD37 Antibody (MB-1) [Janelia Fluor® 549] NBP3-11968JF549**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11968JF549**

CD37 Antibody (MB-1) [Janelia Fluor® 549]

| 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                       | MB-1                                                                                                                                                                                                                                                                                                                                                  |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG Kappa                                                                                                                                                                                                                                                                                                                                             |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                    |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                |
| Gene ID                     | 951                                                                                                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | CD37                                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | This antibody is specific for human CD37, which is expressed on virtually all mature B lymphocytes, but not on pro-B or plasma cells. CD37 is highly expressed on all forms of B cell non-Hodgkin lymphoma, chronic lymphocyte leukemia, and other leukemias. CD37 does not appear to be expressed on T cells, thymocytes, granulocytes or platelets. |
| Immunogen                   | BALB/c mice were immunized with lymph node cells from a patient with nodular poorly differentiated lymphocytic lymphoma. Immunophenotyping studies of these cells identified them as B cells expressing SIgG/lambda, as well as HLA-DR, Leu-12, and B1.                                                                                               |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                |





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### **Products Related to NBP3-11968JF549**

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|                  |                                     |
|------------------|-------------------------------------|
| NBP2-51893-0.1mg | Recombinant Human CD37 His Protein  |
| 7268-CT-100      | CTLA-4 [Unconjugated]               |
| 10160-CD-050     | CD37 [Unconjugated]                 |
| AF796            | ICAM-1/CD54 Antibody [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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