

# Product Datasheet

## CD200/OX2 Antibody (OX-2) [Alexa Fluor® 594] NB100-65320AF594

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-65320AF594**

CD200/OX2 Antibody (OX-2) [Alexa Fluor® 594]

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.25 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                   | OX-2   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG1   |
| Conjugate               | Alexa Fluor 594  |
| Purity                  | Protein G purified   |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Mouse  |
| Gene ID                 | 4345   |
| Gene Symbol             | CD200  |
| Species                 | Rat  |
| Specificity/Sensitivity | NB100-65320 recognizes the rat CD200 cell surface antigen, also known as OX-2, a type I membrane glycoprotein, expressed on rat thymocytes, neurons, follicular dendritic cells, endothelium and at low levels on some B cells and smooth muscle cells. Studies have indicated that the CD200-CD200 ligand system is important in the control of macrophage and granulocyte activation and that this antibody blocks OX-2 mediated T cell costimulation. This product is routinely tested by flow cytometry on rat thymocytes.   |
| Immunogen               | Rat thymocyte membrane glycoproteins   |
| Notes                   | <p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. 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.</p> |

**Product Application Details**

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





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### **Products Related to NB100-65320AF594**

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|                 |   |
|-----------------|---|
| NBP1-97005AF594 | Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 594] |
| 210-TA-005      | TNF-alpha [Unconjugated]                            |
| 3355-CD-050     | CD200/OX2 [Unconjugated]                            |
| D6050           | IL-6 [HRP]  |

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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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