

# Product Datasheet

## CD4 Antibody (W3/25) [Alexa Fluor® 488] NB100-64988AF488

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-64988AF488**

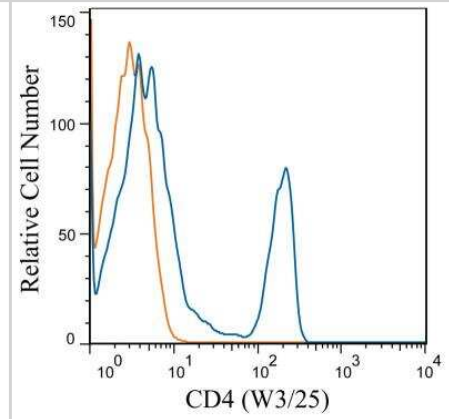
CD4 Antibody (W3/25) [Alexa Fluor® 488]

| 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                       | W3/25  |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG1   |
| Conjugate                   | Alexa Fluor 488  |
| Purity                      | Protein G purified   |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 920  |
| Gene Symbol                 | CD4  |
| Species                     | Rat  |
| Specificity/Sensitivity     | NB100-64988 recognizes the rat CD4 cell surface glycoprotein, a 55kD molecule expressed by helper T cells and weakly by monocytes. This product is routinely tested in flow cytometry on rat splenocytes.  |
| Immunogen                   | Rat Thymocyte Membrane Glycoproteins   |
| Notes                       | 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. |
| Product Application Details |  |
| Applications                | Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface)  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |



## Images

Flow Cytometry: CD4 Antibody (W3/25) [Alexa Fluor® 488] [NB100-64988AF488] - Rat Splenocytes were stained with NB100-64988 (blue) and a matched isotype control NBP2-27287 (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. The antibodies were directly conjugated to Alex Fluor 488.





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### **Products Related to NB100-64988AF488**

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|               |   |
|---------------|---|
| DDXCM01A488   | Mouse IgG1 Isotype Control [Alexa Fluor® 488] |
| NBP1-19371PEP | CD4 Antibody Blocking Peptide                 |
| 210-TA-005    | TNF-alpha [Unconjugated]                      |
| 514-CD-050/CF | CD4 [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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