

# Product Datasheet

## CD45 Antibody (YW62.3) [Alexa Fluor® 647] NB100-65366AF647

Unit Size: 0.125 ml

Store at 4C in the dark.

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**NB100-65366AF647**

CD45 Antibody (YW62.3) [Alexa Fluor® 647]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.125 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               | YW62.3  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2b   |
| Conjugate           | Alexa Fluor 647   |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Rat  |
| Gene ID                 | 5788   |
| Gene Symbol             | PTPRC  |
| Species                 | Mouse  |
| Specificity/Sensitivity | CD45 Antibody (YW62.3) recognizes the murine CD45 cell surface antigen, a 180-220kD glycoprotein expressed by all leucocytes. N.B. Some reactivity with human tissue has been observed.  |
| Immunogen               | Mouse spleen cells   |
| 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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |



## Images

Product Image: CD45 Antibody (YW62.3) [Alexa Fluor® 647] [NB100-65366AF647] - Vial of Alexa Fluor 647 conjugated antibody. Alexa Fluor 647 is optimally excited at 653 nm by the Red laser (633 or 640 nm) and has an emission maximum of 669 nm.



Alexa Fluor® 647

| LASER (nm)    | FILTER |
|---------------|--------|
| Red (633,640) | 660/10 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 653                 | 669               |



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### **Products Related to NB100-65366AF647**

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|                   |   |
|-------------------|---|
| IC013R            | Rat IgG2b Isotype Control (141945) [Alexa Fluor® 647] |
| NBP2-51591-0.02mg | Recombinant Human CD45 His Protein                    |
| 210-TA-005        | TNF-alpha [Unconjugated]                              |
| 1430-CD-050       | CD45 [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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