

# Product Datasheet

## Integrin alpha 2b/CD41 Antibody (PM6/248) [Alexa Fluor® 750]

**NB100-63779AF750**

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NB100-63779AF750**

Integrin alpha 2b/CD41 Antibody (PM6/248) [Alexa Fluor® 750]

| 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                   | PM6/248  |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG1   |
| Conjugate               | Alexa Fluor 750  |
| Purity                  | Protein G purified   |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Mouse  |
| Gene ID                 | 3674   |
| Gene Symbol             | ITGA2B   |
| Species                 | Human  |
| Reactivity Notes        | Reacts with Human. Cross reacts with Baboon, Mink and Mustelid.  |
| Specificity/Sensitivity | NB100-63779 recognizes the human CD41 cell surface antigen, a 140kD glycoprotein expressed by platelets and megakaryocytes. CD41 is also known as platelet glycoprotein IIb, and functions as a receptor for fibrinogen, fibronectin and vWF. It has not been established if clone PM6/248 recognizes free CD41 or CD41 only when complexed with CD61. However, antibody binding is reduced in the presence of EDTA suggesting that the epitope recognized is dependent upon an intact CD41/61 complex.  |
| Immunogen               | Human platelet plasma membranes  |
| 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 |  |
|-----------------------------|--|
| Applications                | Flow Cytometry   |
| Recommended Dilutions       | Flow Cytometry   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NB100-63779AF750**

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|                 |   |
|-----------------|---|
| NBP1-97005AF750 | Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 750] |
| NBP1-84579PEP   | Integrin alpha 2b/CD41 Recombinant Protein Antigen  |
| 210-TA-005      | TNF-alpha [Unconjugated]                            |
| NBP2-10669      | Integrin alpha 2b/CD41 Overexpression Lysate        |

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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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