

# Product Datasheet

## Integrin alpha 2b/CD41 Antibody (PM6/248) [mFluor Violet 610 SE] NB100-63779MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



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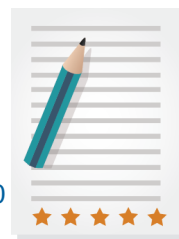
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**NB100-63779MFV610**

Integrin alpha 2b/CD41 Antibody (PM6/248) [mFluor Violet 610 SE]

| 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           | mFluor Violet 610 SE  |
| 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                   | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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   |
| Recommended Dilutions       | Flow Cytometry   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |



## Images

Integrin alpha 2b/CD41 Antibody (PM6/248) [mFluor Violet 610 SE] [NB100-63779MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.



mFluor™ Violet 610

| LASER (nm)   | FILTER |
|--------------|--------|
| Violet (405) | 605/30 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 421                 | 613               |



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### **Products Related to NB100-63779MFV610**

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|               |  |
|---------------|--|
| NBP1-84582PEP | Integrin alpha 2b/CD41 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                           |
| NBP2-10669    | Integrin alpha 2b/CD41 Overexpression Lysate       |
| M6000B-1      | 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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