

# Product Datasheet

## **CD41/CD61 Antibody (PAC-1) [Alexa Fluor® 647] NBP2-62201AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-62201AF647**

CD41/CD61 Antibody (PAC-1) [Alexa Fluor® 647]

| 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               | PAC-1                                                                                       |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgM Kappa                                                                                   |
| Conjugate           | Alexa Fluor 647                                                                             |
| Purity              | Chromatography                                                                              |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                 | 3674                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol             | ITGA2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity | The mouse monoclonal antibody PAC-1 recognizes an extracellular activation-induced conformational epitope PAC-1 on CD41/CD61 complex (gpIIb/IIIa), also known as integrin alpha IIb beta 3, a receptor which mediates platelet aggregation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen               | Human platelets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Product Application Details |                                                                               |
|-----------------------------|-------------------------------------------------------------------------------|
| Applications                | Flow Cytometry, Flow (Cell Surface), Immunoprecipitation, Immunocytochemistry |
| Recommended Dilutions       | Flow Cytometry, Immunoprecipitation, Flow (Cell Surface), Immunocytochemistry |



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-62201AF647**

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|                |                                          |
|----------------|------------------------------------------|
| 210-TA-005     | TNF-alpha [Unconjugated]                 |
| NBP2-60471     | Human CD41/CD61 ELISA Kit (Colorimetric) |
| 288-TPN-025/CF | Thrombopoietin/THPO [Unconjugated]       |
| 137-PS-050     | P-Selectin/CD62P                         |

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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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