# **Product Datasheet**

# CD42b/GPIb alpha Antibody (HIP1) [FITC] NB500-511F

Unit Size: 0.1 ml

Store at 4C in the dark.

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# NB500-511F

CD42b/GPIb alpha Antibody (HIP1) [FITC]

| CD42b/GPIb alpha Antibody (HIP1) [FTTC] |                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                   | HIP1                                                                                                                                                                                                                                                                                                            |
| Preservative                            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                              |
| Isotype                                 | lgG1                                                                                                                                                                                                                                                                                                            |
| Conjugate                               | FITC                                                                                                                                                                                                                                                                                                            |
| Purity                                  | Protein A purified                                                                                                                                                                                                                                                                                              |
| Buffer                                  | PBS                                                                                                                                                                                                                                                                                                             |
| Product Description                     |                                                                                                                                                                                                                                                                                                                 |
| Host                                    | Mouse                                                                                                                                                                                                                                                                                                           |
| Gene ID                                 | 2811                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                             | GP1BA                                                                                                                                                                                                                                                                                                           |
| Species                                 | Human, Mouse, Primate                                                                                                                                                                                                                                                                                           |
| Reactivity Notes                        | Mouse reactivity reported in scientific literature (PMID: 31467123).                                                                                                                                                                                                                                            |
| Specificity/Sensitivity                 | The antibody HIP1 reacts with CD42b (GPIb alpha), a 135-145 kDa membrane glycoprotein expressed on platelets and megakaryocytes. CD42b and CD42c (GPIb beta) are composed in a disulfide linked heterodimer (CD42b/c; 160 kDa); CD42b/c forms a noncovalent complex with CD42a and CD42d. HLDA IV; WS Code P 40 |
| Immunogen                               | Peripheral blood mononuclear cells of a patient suffering with CLL.                                                                                                                                                                                                                                             |
| Product Application Details             |                                                                                                                                                                                                                                                                                                                 |
| Applications                            | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready                                                                                                                                                                                                                                  |
| Recommended Dilutions                   | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready                                                                                                                                                                                                                                  |

| Illillianogen                      | enprieral blood monoritolear cens of a patient suffering with OLL.             |
|------------------------------------|--------------------------------------------------------------------------------|
| <b>Product Application Details</b> |                                                                                |
| Applications                       | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready |
| Recommended Dilutions              | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready |
| Application Notes                  | Optimal dilution of this antibody should be experimentally determined.         |





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### **Products Related to NB500-511F**

NBP1-96849 Mouse IgG1 Isotype Control (MG1) [FITC]

NBP1-85749PEP CD42b/GPlb alpha Recombinant Protein Antigen

210-TA-005 TNF-alpha [Unconjugated]

4067-GP-050 CD42b/GPlb alpha [Unconjugated]

#### 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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