

# Product Datasheet

## Integrin alpha 3B Antibody (54B3) [PE] NBP1-97732PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97732PE**

Integrin alpha 3B Antibody (54B3) [PE]

| 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                       | 54B3                                                                                                                                                                                                                                                                                                                                                                               |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                 |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                               |
| Conjugate                   | PE                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                            |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                    |
| Description                 | 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.                                                                                                                                                                                              |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 3675                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Symbol                 | ITGA3                                                                                                                                                                                                                                                                                                                                                                              |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | 54B3 recognizes specifically the cytoplasmic domain of integrin subunit alpha3B. The monoclonal antibody reacts with Human tissues. A broader species reactivity is expected because of the conserved nature of the epitope.                                                                                                                                                       |
| Immunogen                   | Clone 54B3 is a mouse monoclonal IgG1 antibody derived by fusion of SP2/0 mouse myeloma cells with spleen cells from a BALB/c mouse immunized with a synthetic peptide corresponding to a 32 amino acid stretch in the cytoplasmic domain of integrin alpha3B including an appending N-terminal cysteine (CTRYQQIMPKYHAVRIREEERYPPPGSTLPTKK) coupled to keyhole limpet hemocyanin. |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                    |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                           |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen                                                                                                                                                                                                                                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined..                                                                                                                                                                                                                                                                                                            |





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### **Products Related to NBP1-97732PE**

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|              |                                       |
|--------------|---------------------------------------|
| NBP1-97005PE | Mouse IgG1 Isotype Control (MG1) [PE] |
| 210-TA-005   | TNF-alpha [Unconjugated]              |
| NB110-89474  | CD11b Antibody - BSA Free             |
| AF796        | ICAM-1/CD54 Antibody [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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