

# Product Datasheet

## Integrin beta 4/CD104 Antibody (450-9D) [Alexa Fluor™ Plus 405] NB100-65599AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65599AFP405**

Integrin beta 4/CD104 Antibody (450-9D) [Alexa Fluor™ Plus 405]

| 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               | 450-9D  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1  |
| Conjugate           | Alexa Fluor Plus 405  |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 3691   |
| Gene Symbol             | ITGB4  |
| Species                 | Human  |
| Reactivity Notes        | Predicted cross-reactivities: Ferret, Mink, Mustelid   |
| Specificity/Sensitivity | NB100-65599 recognizes the human beta4 integrin (also known as CD104), a 205kD glycoprotein which associates with the alpha6 integrin to form the alpha6/beta4 complex. CD104 is expressed on epithelial cells, Schwann cells and various tumour cell lines. NB100-65599 recognizes an extracellular epitope on the CD104 molecule.  |
| Immunogen               | Purified alpha6 beta4 integrin from A431 cells   |
| Notes                   | <p>This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.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                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation |



|                              |  |
|------------------------------|--|
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/<br>Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NB100-65599AFP405**

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|                 |  |
|-----------------|--|
| NBP2-61461-10ug | Recombinant Human Integrin beta 4/CD104 His Protein  |
| 210-TA-005      | TNF-alpha [Unconjugated]                             |
| NBP3-39965      | Human Integrin beta 4/CD104 ELISA Kit (Colorimetric) |
| NB110-89474     | CD11b Antibody - BSA Free                            |

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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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