

# Product Datasheet

## Integrin beta 1D Antibody (2B1) [Alexa Fluor™ Plus 555] NBP1-97734AFP555

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97734AFP555**

Integrin beta 1D Antibody (2B1) [Alexa Fluor™ Plus 555]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | 2B1  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG1   |
| <b>Conjugate</b>                   | Alexa Fluor Plus 555   |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 3688   |
| <b>Gene Symbol</b>                 | ITGB1  |
| <b>Species</b>                     | Human, Mouse, Porcine, Canine  |
| <b>Reactivity Notes</b>            | A broad species reactivity is expected based on the conserved nature of the epitope Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.  |
| <b>Specificity/Sensitivity</b>     | This antibody recognizes specifically the cytoplasmic domain of Integrin beta 1D present in cardiac and skeletal muscle.   |
| <b>Immunogen</b>                   | Derived by fusion of SP2/0 Mouse myeloma cells with spleen cells from a Mouse immunized with a synthetic peptide corresponding to the C-terminal 24 amino acids of Integrin beta 1D including an appending N-terminal cysteine (CQENPIYKS-PINNFKNPNYGRKAGL) coupled to keyhole limpet hemocyanin.  |
| <b>Notes</b>                       | 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. |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen   |



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





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### **Products Related to NBP1-97734AFP555**

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|             |  |
|-------------|--|
| NBP2-23144  | Recombinant Human Integrin beta 1D His Protein |
| 210-TA-005  | TNF-alpha [Unconjugated]                       |
| 202-IL-010  | IL-2 [Unconjugated]                            |
| 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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