

# Product Datasheet

## Integrin beta 1D Antibody (2B1) [Janelia Fluor® 635] NBP1-97734JF635

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97734JF635**

Integrin beta 1D Antibody (2B1) [Janelia Fluor® 635]

| 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                       | 2B1  |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG1   |
| Conjugate                   | Janelia Fluor 635  |
| Purity                      | Protein A or G purified  |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 3688   |
| Gene Symbol                 | ITGB1  |
| Species                     | Human, Mouse, Porcine, Canine  |
| Reactivity Notes            | A broad species reactivity is expected based on the conserved nature of the epitope<br>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. |
| Specificity/Sensitivity     | This antibody recognizes specifically the cytoplasmic domain of Integrin beta 1D present in cardiac and skeletal muscle.   |
| Immunogen                   | 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-PINNFKNPYGRKAGL) coupled to keyhole limpet hemocyanin.                               |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  |
| 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 NBP1-97734JF635**

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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