

# Product Datasheet

## Integrin beta 1/CD29 Antibody (8E3) [Janelia Fluor® 669] NBP2-50139JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-50139JF669**

Integrin beta 1/CD29 Antibody (8E3) [Janelia Fluor® 669]

| 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               | 8E3                                                                                         |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | Janelia Fluor 669                                                                           |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                             |
| Gene ID                 | 3688                                                                                                                                                                                                              |
| Gene Symbol             | ITGB1                                                                                                                                                                                                             |
| Species                 | Human                                                                                                                                                                                                             |
| Specificity/Sensitivity | Under native conditions, clone 8E3 is shown to recognize the unbent, monomeric ER form of Integrin beta 1/CD29 at the PSI domain; however, the epitope only becomes exposed in the Golgi form after denaturation. |
| Immunogen               | Purified Integrin beta 1/CD29 from HT-1080 cells.                                                                                                                                                                 |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                             |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation         |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation         |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP2-50139JF669**

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|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| H00003688-P01-2ug | Recombinant Human Integrin beta 1/CD29 GST (N-Term) Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                                    |
| NBP2-59570-50ug   | Recombinant Human Integrin beta 1/CD29 His Protein          |
| 202-IL-010        | IL-2 [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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