

# Product Datasheet

## Integrin beta 1/CD29 Antibody (P4C10) [Biotin] NBP2-36561B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-36561B**

Integrin beta 1/CD29 Antibody (P4C10) [Biotin]

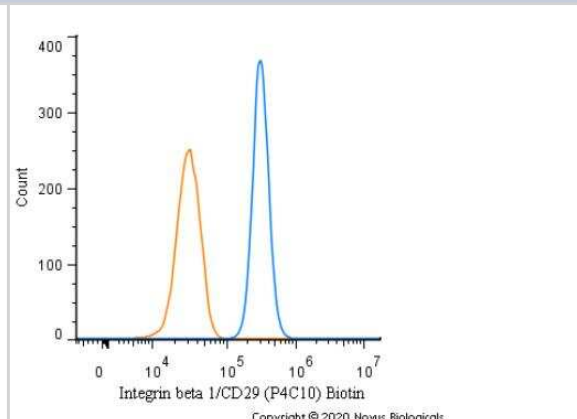
| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | P4C10   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1  |
| Conjugate           | Biotin  |
| Purity              | Protein G purified  |
| Buffer              | PBS   |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 3688   |
| Gene Symbol             | ITGB1  |
| Species                 | Human, Mouse   |
| Reactivity Notes        | Mouse reactivity reported in scientific literature (PMID:32803867). Mouse reactivity reported in scientific literature (PMID: 27550917). . |
| Specificity/Sensitivity | Epitope is not trypsin sensitive.  |
| Immunogen               | HT1080 cells human fibrosarcoma  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Block/Neutralize |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Block/Neutralize |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |

**Images**

Flow Cytometry: Integrin beta 1/CD29 Antibody (P4C10) [Biotin] [NBP2-36561B] - An intracellular stain was performed on A431 cells with Integrin beta 1/CD29 [P4C10] Antibody NBP2-36561B (blue) and a matched isotype control (orange). Both antibodies were conjugated to Biotin. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Streptavidin - R-Phycoerythrin Protein (2012-1000, Novus Biologicals).





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### **Products Related to NBP2-36561B**

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|                 |  |
|-----------------|--|
| NBP2-29370      | Streptavidin Native Protein                              |
| NBP1-96888      | Mouse IgG1 Isotype Control (MG1) [Biotin]                |
| NBP2-36561AF488 | Integrin beta 1/CD29 Antibody (P4C10) [Alexa Fluor® 488] |
| NBP2-59570-50ug | Recombinant Human Integrin beta 1/CD29 His Protein       |

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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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