

# Product Datasheet

## IGF-I/IGF-1 Antibody (M23) [Biotin] NBP2-34679B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34679B****IGF-I/IGF-1 Antibody (M23) [Biotin]**

| <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>               | M23   |
| <b>Preservative</b>        | 0.05% Sodium Azide  |
| <b>Isotype</b>             | IgG1 Kappa  |
| <b>Conjugate</b>           | Biotin  |
| <b>Purity</b>              | Protein A or G purified   |
| <b>Buffer</b>              | PBS   |

| <b>Product Description</b>     |   |
|--------------------------------|---|
| <b>Description</b>             | 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>Host</b>                    | Mouse   |
| <b>Gene ID</b>                 | 3479  |
| <b>Gene Symbol</b>             | IGF1  |
| <b>Species</b>                 | Human, Mouse, Rat, Rabbit   |
| <b>Specificity/Sensitivity</b> | This antibody is specific to Insulin-like Growth Factor (IGF-1) and shows minimal cross-reaction with IGF-11, Proinsulin, MSF, and Insulin. IGF-1 is a polypeptide growth factor with two isoforms that are produced by alternative splicing. Isoform 1 is also known as IGF-1B while isoform 2 is known as IGF-1A. IGF-1 stimulates the proliferation of a wide range of cell types including muscle, bone and cartilage tissue. It functions as an autocrine regulator of growth. Activation of IGF system has emerged as a key factor for tumor progression and resistance to apoptosis in many cancers like those of breast, thyroid and colon. |
| <b>Immunogen</b>               | Purified human IGF-I/IGF-1 protein (Uniprot: P05019)  |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready |





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### **Products Related to NBP2-34679B**

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|                  |   |
|------------------|---|
| NBP2-29370       | Streptavidin Native Protein                 |
| IC002B           | Mouse IgG1 Isotype Control (11711) [Biotin] |
| NBP2-35000-100ug | Recombinant Human IGF-I/IGF-1 Protein       |
| 236-EG-200       | EGF [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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