

# Product Datasheet

## IGF-I/IGF-1 Antibody (IGF1/2872R) [Alexa Fluor® 647] NBP3-08416AF647

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08416AF647**

IGF-I/IGF-1 Antibody (IGF1/2872R) [Alexa Fluor® 647]

| <b>Product Information</b>     |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 100 ul   |
| <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>                   | IGF1/2872R   |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG  |
| <b>Conjugate</b>               | Alexa Fluor 647  |
| <b>Purity</b>                  | Protein A or G purified  |
| <b>Buffer</b>                  | 50mM Sodium Borate   |
| <b>Product Description</b>     |  |
| <b>Host</b>                    | Rabbit   |
| <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-IB while isoform 2 is known as IGF-IA. 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>               | Recombinant full-length human IGF-I/IGF-1 protein (Uniprot: P05019)  |
| <b>Notes</b>                   | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.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. |

**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence          |
| <b>Recommended Dilutions</b> | Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence          |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-08416AF647**

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|                  |   |
|------------------|---|
| NBP2-24891AF647  | Rabbit IgG Isotype Control [Alexa Fluor® 647] |
| NBP2-35000-100ug | Recombinant Human IGF-I/IGF-1 Protein         |
| D6050            | IL-6 [HRP]                                    |
| 291-G1-200       | IGF-I/IGF-1 [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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