

# Product Datasheet

## IGF-I/IGF-1 Antibody (IGF1/2872R) [PerCP] NBP3-08416PCP

Unit Size: 100 ul

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-08416PCP](http://www.novusbio.com/NBP3-08416PCP)

Updated 10/26/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-08416PCP](http://www.novusbio.com/reviews/destination/NBP3-08416PCP)



**NBP3-08416PCP****IGF-I/IGF-1 Antibody (IGF1/2872R) [PerCP]**

| <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>                   | PerCP   |
| <b>Purity</b>                      | Protein A or G purified   |
| <b>Buffer</b>                      | PBS   |
| <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>Product Application Details</b> |   |
| <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.  |



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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

---

|                  |                                       |
|------------------|---------------------------------------|
| NBP2-24891PCP    | Rabbit IgG Isotype Control [PerCP]    |
| NBP2-35000-100ug | Recombinant Human IGF-I/IGF-1 Protein |
| D6050            | IL-6 [HRP]                            |
| 291-G1-200       | IGF-I/IGF-1 [Unconjugated]            |

---

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-08416PCP](http://www.novusbio.com/reviews/submit/NBP3-08416PCP)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

