

# Product Datasheet

## BMP-5 Antibody [Biotin] AF6176B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF6176B**

BMP-5 Antibody [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                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Conjugate                   | Biotin                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host                        | Sheep                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene ID                     | 653                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | BMP5                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity     | Detects mouse BMP-5 in direct ELISAs and Western blots. In Western blots, approximately 20% cross-reactivity with recombinant human BMP-5 is observed. In direct ELISAs, approximately 100% cross-reactivity with recombinant human BMP-5 is observed, and approximately 4% cross-reactivity with recombinant mouse (rm) BMP-6 and rmBMP-7 is observed, and less than 1% cross-reactivity with rmBMP-8b is observed. |
| Immunogen                   | Chinese hamster ovary cell line CHO-derived recombinant mouse BMP-5 Ala315-His452 Accession # P49003                                                                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes           | 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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to AF6176B**

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|                |                                    |
|----------------|------------------------------------|
| BAF020         | Sheep IgG Isotype Control [Biotin] |
| 314-BP-010     | BMP-4 [Unconjugated]               |
| 615-BMC-020/CF | BMP-5 [Unconjugated]               |
| 6057-NG-025    | Noggin [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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