

# Product Datasheet

## GDF-5/BMP-14 Antibody [DyLight 755] AF853Z

Unit Size: 0.1 ml

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/AF853Z](http://www.novusbio.com/AF853Z)

Updated 7/13/2025 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/AF853Z](http://www.novusbio.com/reviews/destination/AF853Z)



**AF853Z****GDF-5/BMP-14 Antibody [DyLight 755]**

| <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>                   | Polyclonal                                                                                                                                                                                                                                                                                                   |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                          |
| <b>Conjugate</b>                   | DyLight 755                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                    |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                           |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                              |
| <b>Host</b>                        | Goat                                                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>                     | 8200                                                                                                                                                                                                                                                                                                         |
| <b>Gene Symbol</b>                 | GDF5                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                        |
| <b>Specificity/Sensitivity</b>     | Detects mouse GDF-5 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 25% cross-reactivity with recombinant mouse (rm) GDF-6 is observed, and less than 5% cross-reactivity with rmGDF-1, rmGDF-3, rmGDF□8, rmGDF□9, recombinant human GDF-11, and rhGDF-15 is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant mouse GDF-5<br>Ala376-Arg495<br>Accession # P43027                                                                                                                                                                                                                       |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                            |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                           |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                           |
| <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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to AF853Z**

---

|                |                                        |
|----------------|----------------------------------------|
| NB410-28088IR  | Goat IgG Isotype Control [DyLight 755] |
| NBP2-61339-1mg | Recombinant Mouse GDF-5/BMP-14 Protein |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated]              |
| 853-G5-050     | GDF-5/BMP-14 [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/AF853Z](http://www.novusbio.com/reviews/submit/AF853Z)

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

