

# Product Datasheet

## **BMP-5 Antibody [Janelia Fluor® 525] AF6176JF525**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF6176JF525**

BMP-5 Antibody [Janelia Fluor® 525]

| 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                   | Janelia Fluor 525                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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                                                                                                                                                                                                                                                                                                                 |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications                | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                               |





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### **Products Related to AF6176JF525**

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|                |                       |
|----------------|-----------------------|
| 314-BP-010     | BMP-4 [Unconjugated]  |
| 615-BMC-020/CF | BMP-5 [Unconjugated]  |
| 6057-NG-025    | Noggin [Unconjugated] |
| 355-BM-010     | BMP-2 [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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