

# Product Datasheet

## GDF-8/Myostatin Antibody [Janelia Fluor® 525] AF1539JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1539JF525**

GDF-8/Myostatin 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                     | 2660                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | MSTN                                                                                                                                                                                                                                                                                                                  |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects GDF $\square$ 8/Myostatin Propeptide in direct ELISAs and Western blots. In direct ELISAs, less than 10% cross $\square$ reactivity with mature recombinant mouse (rm) GDF-8 is observed and less than 5% cross-reactivity with mature rmGDF-1, -3, -5, -6, -7, -9, and recombinant human GDF-11 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse GDF $\square$ 8/Myostatin Propeptide<br>Asn25-Ser265<br>Accession # O08689                                                                                                                                                                                      |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Neutralization                                                                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot, Neutralization                                                                                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                |





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### **Products Related to AF1539JF525**

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|            |                            |
|------------|----------------------------|
| 210-TA-005 | TNF-alpha [Unconjugated]   |
| DGDF80     | GDF-8/Myostatin [HRP]      |
| 291-G1-200 | IGF-I/IGF-1 [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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