

# Product Datasheet

## GDF-7/BMP-12 Antibody [Janelia Fluor® 549] AF779I

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF779I**

GDF-7/BMP-12 Antibody [Janelia Fluor® 549]

| 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 549                                                                                                                                                                                                                                                                           |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                             |
| Host                        | Goat                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 151449                                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | GDF7                                                                                                                                                                                                                                                                                        |
| Species                     | Mouse                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | Detects mouse GDF-7 in direct ELISAs and Western blots. In these formats, approximately 10% cross-reactivity with recombinant mouse (rm) GDF-5 and rmGDF-6 is observed and less than 1% cross-reactivity with rmGDF-1, rmGDF-3, rmGDF-8, rmGDF-9, and recombinant human GDF-11 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant mouse GDF-7 (R&D Systems, Catalog # 779-G7) Thr316-Arg461<br>Accession # P43029                                                                                                                                                                         |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                             |
| Applications                | Western Blot                                                                                                                                                                                                                                                                                |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                      |





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### **Products Related to AF779I**

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|                  |                                              |
|------------------|----------------------------------------------|
| NB410-28088JF549 | Goat IgG Isotype Control [Janelia Fluor 549] |
| NBP2-61338-1mg   | Recombinant Mouse GDF-7/BMP-12 Protein       |
| 314-BP-010       | BMP-4 [Unconjugated]                         |
| 8386-G7-050      | GDF-7/BMP-12 [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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