

# Product Datasheet

## **GFR alpha-4/GDNF R alpha-4/Persephin receptor Antibody [Janelia Fluor® 549] AF1439I**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1439I**

GFR alpha-4/GDNF R alpha-4/Persephin receptor 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                     | 64096                                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | GFRA4                                                                                                                                                                                                                                                                                      |
| Species                     | Human                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | Detects human GFR $\alpha$ 4/GDNF R $\alpha$ 4 in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human (rh) GFR $\alpha$ -1 is observed and less than 1% cross-reactivity with rhGFR $\alpha$ -2 and rhGFR $\alpha$ -3 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human GFR $\alpha$ 4/GDNF R $\alpha$ 4<br>Asn24-Ser245 (Ser140Cys) predicted<br>Accession # NP_071422                                                                                                                                      |
| 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 AF1439I**

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|            |                                                                     |
|------------|---------------------------------------------------------------------|
| AB-108-CI  | Goat IgG Isotype Control [Janelia Fluor 549]                        |
| 212-GD-010 | GDNF [Unconjugated]                                                 |
| NBL1-11054 | GFR alpha-4/GDNF R alpha-4/Persephin receptor Overexpression Lysate |
| AF560      | GFR alpha-1/GDNF R alpha-1 Antibody [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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