

# Product Datasheet

## Neuregulin-1 beta 1/NRG1 beta 1 Antibody [Janelia Fluor® 646] AF-396-NAJ

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF-396-NAJ**

Neuregulin-1 beta 1/NRG1 beta 1 Antibody [Janelia Fluor® 646]

| 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 646                                                                                                                                                                                                                                                                                                                                                      |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                              |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                     |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                        |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 3084                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | NRG1                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | Detects human NRG1 $\square$ $\beta$ 1/HRG1 $\square$ $\beta$ 1 EGF Domain in direct ELISAs and Western blots. In Western blots (reducing conditions), approximately 100% cross $\square$ reactivity with recombinant human HRG- $\alpha$ is observed. In direct ELISAs, approximately 5% cross $\square$ reactivity with recombinant human HRG- $\alpha$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human NRG1 $\square$ $\beta$ 1/HRG1 $\square$ $\beta$ 1 EGF Domain Thr176-Lys246<br>Accession # NP_039250                                                                                                                                                                                                                          |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                  |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                        |
| Applications                | Western Blot, Immunohistochemistry, Neutralization                                                                                                                                                                                                                                                                                                                     |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Neutralization                                                                                                                                                                                                                                                                                                                     |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                 |





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### **Products Related to AF-396-NAJ**

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|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| NBP2-35097-10ug | Recombinant Human Neuregulin-1 beta 1/NRG1 beta 1 Protein |
| 236-EG-200      | EGF [Unconjugated]                                        |
| 396-HB-050      | Neuregulin-1 beta 1/NRG1 beta 1                           |
| DY413-05        | IL-13 [Biotin]                                            |

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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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