

# Product Datasheet

## Neuregulin-1 beta 1/NRG1 beta 1 Antibody [DyLight 680] AF377Y

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF377Y****Neuregulin-1 beta 1/NRG1 beta 1 Antibody [DyLight 680]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                              |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                  |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                     |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                                                                   |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                          |
| <b>Conjugate</b>                   | DyLight 680                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                    |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                           |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                              |
| <b>Host</b>                        | Goat                                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>                     | 3084                                                                                                                                                                                                                                                                                         |
| <b>Gene Symbol</b>                 | NRG1                                                                                                                                                                                                                                                                                         |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                        |
| <b>Specificity/Sensitivity</b>     | Detects human NRG1- $\beta$ 1/HRG1- $\beta$ 1 in direct ELISAs and Western blots. In direct ELISAs, approximately 15% cross-reactivity with the EGF domain of recombinant human (rh) NRG1- $\beta$ 1/HRG1- $\beta$ 1 is observed and less than 1% cross-reactivity with rhNRG-2 is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant human NRG1- $\beta$ 1/HRG1- $\beta$ 1<br>Ser2-Lys246<br>Accession # AAA58639                                                                                                                                                                             |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                            |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>                | Western Blot                                                                                                                                                                                                                                                                                 |
| <b>Recommended Dilutions</b>       | Western Blot                                                                                                                                                                                                                                                                                 |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                       |





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### **Products Related to AF377Y**

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|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| NB410-28088FR   | Goat IgG Isotype Control [DyLight 680]                    |
| 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                           |

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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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