

# Product Datasheet

## R-Spondin 1 Antibody [DyLight 488] AF4645K

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF4645K**

R-Spondin 1 Antibody [DyLight 488]

| 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                   | DyLight 488                                                                                                                                                                                                                                                             |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                               |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                         |
| Host                        | Sheep                                                                                                                                                                                                                                                                   |
| Gene ID                     | 284654                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | RSPO1                                                                                                                                                                                                                                                                   |
| Species                     | Human                                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity     | Detects human R-Spondin 1 in direct ELISAs. In direct ELISAs, approximately 6% cross-reactivity with recombinant mouse R-Spondin 1 is observed and less than 1% cross-reactivity with recombinant human (rh) R-Spondin 2, rhR-Spondin 3, and rhR-Spondin 4 is observed. |
| Immunogen                   | Chinese hamster ovary cell line CHO-derived human R-Spondin 1<br>Arg31-Ala263<br>Accession # Q2MKA7                                                                                                                                                                     |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                         |
| Applications                | Neutralization                                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Neutralization                                                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                  |





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### **Products Related to AF4645K**

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|                |                                         |
|----------------|-----------------------------------------|
| NBP1-92357PEP  | R-Spondin 1 Recombinant Protein Antigen |
| 5036-WN-010    | Wnt-3a [Unconjugated]                   |
| 7150-RS-025/CF | R-Spondin 1 [Unconjugated]              |
| AF3075         | SOX9 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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