

# Product Datasheet

## IL-7 Antibody [DyLight 350] AF407D

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF407D**

IL-7 Antibody [DyLight 350]

| 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 350                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                 |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                           |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                     | 3574                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | IL7                                                                                                                                                                                                                                                                                                                                                                       |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity     | Detects mouse IL-7 in ELISAs and Western blots. In sandwich immunoassays, approximately 20% cross-reactivity with recombinant rat IL-7 is observed, and less than 0.1% cross-reactivity with recombinant human IL-7 is observed. Neutralizes the biological activity of recombinant mouse IL-7. It will not neutralize the biological activity of recombinant human IL-7. |
| Immunogen                   | <i>E. coli</i> -derived recombinant mouse IL-7<br>Glu26-Ile154<br>Accession # Q544C8                                                                                                                                                                                                                                                                                      |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                           |
| Applications                | Western Blot, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Neutralization                                                                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)                                                                                                                                                                                                                               |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                    |





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### **Products Related to AF407D**

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|                 |                                        |
|-----------------|----------------------------------------|
| NBP2-33376H     | Blue Marker Antibody (6F4-F6) [HRP]    |
| AB-108-CD       | Goat IgG Isotype Control [DyLight 350] |
| NBP2-34902-10ug | Recombinant Human IL-7 Protein         |
| 210-TA-005      | TNF-alpha [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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