

# Product Datasheet

## **CXCL12/SDF-1 beta Antibody [DyLight 550] AF-351-NAL**

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 7/7/2025 v.20.1

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**AF-351-NAL**

CXCL12/SDF-1 beta Antibody [DyLight 550]

| 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 550                                                                                                                                                                                                                                                                                                         |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                           |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                                     |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                |
| Gene ID                     | 6387                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                 | CXCL12                                                                                                                                                                                                                                                                                                              |
| Species                     | Human                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | Detects human CXCL12/SDF-1 $\beta$ in direct ELISAs and Western blots. Neutralizes 60-80% of the biological activity of CXCL12/SDF-1 $\beta$ and does not neutralize the biological activity of SDF-1 $\alpha$ . In Western blots, less than 5% cross-reactivity with recombinant human SDF-1 $\alpha$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human CXCL12/SDF-1 $\beta$<br>Lys22-Met93<br>Accession # P48061                                                                                                                                                                                                                 |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                   |
| Product Application Details |                                                                                                                                                                                                                                                                                                                     |
| Applications                | Western Blot, Neutralization                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Western Blot, Neutralization                                                                                                                                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                              |





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### **Products Related to AF-351-NAL**

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|                  |                                             |
|------------------|---------------------------------------------|
| AB-108-CL        | Goat IgG Isotype Control [DyLight 550]      |
| NBP2-35260-100ug | Recombinant Human CXCL12/SDF-1 beta Protein |
| 210-TA-005       | TNF-alpha [Unconjugated]                    |
| 351-FS-010/CF    | CXCL12/SDF-1 beta                           |

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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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