

# Product Datasheet

## TGF- $\alpha$ Antibody [DyLight 550] AF-239-NAL

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF-239-NAL**TGF- $\alpha$  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                     | 7039                                                                                                                                                                                                                                             |
| Gene Symbol                 | TGFA                                                                                                                                                                                                                                             |
| Species                     | Human                                                                                                                                                                                                                                            |
| Specificity/Sensitivity     | Detects human TGF- $\alpha$ in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with recombinant human (rh) TGF- $\beta$ 1, rhAmphiregulin, rhBetacellulin, rhEGF, rhHRG- $\alpha$ , and rhSMDF is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human TGF- $\alpha$<br>Val40-Ala89<br>Accession # P01135                                                                                                                                                     |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                |
| Product Application Details |                                                                                                                                                                                                                                                  |
| Applications                | Western Blot, Immunohistochemistry, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Neutralization                                                                                |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, 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 AF-239-NAL**

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|                  |                                        |
|------------------|----------------------------------------|
| AB-108-CL        | Goat IgG Isotype Control [DyLight 550] |
| NBP2-36432-100ug | Human TGF-alpha Recombinant Protein    |
| 7754-BH-005/CF   | TGF-beta 1 [Unconjugated]              |
| 239-A-100        | TGF-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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