

# Product Datasheet

## IL-12/IL-23 p40 Antibody [DyLight 680] AF1954Y

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1954Y**

IL-12/IL-23 p40 Antibody [DyLight 680]

| 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 680                                                                                                                                                                                                                                                                                                                                    |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 3593                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | IL12A                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Feline                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity     | Detects feline IL-12/IL-23 p40 in ELISAs and Western blots. In sandwich immunoassays, approximately 65% cross-reactivity with recombinant canine IL-12/23 p40 is observed, less than 3% cross-reactivity with recombinant mouse IL-12/23 p40 is observed, and less than 0.2% cross-reactivity with recombinant human IL-12/23 p40 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant feline IL-12/IL-23 p40 Ile23-Ser329 (Glu167Gly)<br>Accession # O02744                                                                                                                                                                                                                          |
| 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), Immunocytochemistry, Neutralization                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), Immunocytochemistry                                                                                                                                                                               |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                         |





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### **Products Related to AF1954Y**

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|               |                                        |
|---------------|----------------------------------------|
| NB410-28088FR | Goat IgG Isotype Control [DyLight 680] |
| 210-TA-005    | TNF-alpha [Unconjugated]               |
| DY499-05      | IL-12/IL-23 p40 [Biotin]               |
| M6000B-1      | IL-6 [HRP]                             |

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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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