

# Product Datasheet

## IL-12 Antibody [DyLight 405] AF2118E

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2118E**

IL-12 Antibody [DyLight 405]

| 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 405                                                                                                                                                                                                                                                                             |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                               |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                         |
| Host                        | Goat                                                                                                                                                                                                                                                                                    |
| Gene ID                     | 3592                                                                                                                                                                                                                                                                                    |
| Gene Symbol                 | IL12A                                                                                                                                                                                                                                                                                   |
| Species                     | Canine                                                                                                                                                                                                                                                                                  |
| Specificity/Sensitivity     | Detects canine IL-12 in direct ELISAs and Western blots. In direct ELISAs, approximately 40% cross-reactivity with recombinant human IL-12 p35/p40 and recombinant feline IL-12 p35/p40 is observed, and less than 10% cross-reactivity with recombinant rat IL-12 p35/p40 is observed. |
| Immunogen                   | Chinese hamster ovary cell line CHO-derived recombinant canine IL-12 p40: Ile23-Ser329; p35: Arg26-Ser222 (Asp63Glu, Tyr64Leu, Ile65Tyr, Pro66Ser)<br>Accession # p40: Q28268; p35: Q28267                                                                                              |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                         |
| Applications                | Western Blot                                                                                                                                                                                                                                                                            |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                  |





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### **Products Related to AF2118E**

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|              |                                        |
|--------------|----------------------------------------|
| NB410-28088V | Goat IgG Isotype Control [DyLight 405] |
| 210-TA-005   | TNF-alpha [Unconjugated]               |
| 419-ML-010   | IL-12 [Unconjugated]                   |
| 285-IF-100   | IFN-gamma [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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