

# Product Datasheet

## IL-2 Antibody [PE] AF-402-NAP

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF-402-NAP**

IL-2 Antibody [PE]

| 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                   | PE                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 3558                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | IL2                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | Detects mouse IL-2 in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant rat IL-2 and recombinant cotton rat IL-2 is observed and less than 2% cross-reactivity with recombinant human IL-2, recombinant canine IL-2, recombinant feline IL-2, recombinant equine IL-2, recombinant bovine IL-2, and recombinant porcine IL-2 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant mouse IL-2 (R&D Systems, Catalog # 402-ML)<br>Ala21-Gln169<br>Accession # P04351                                                                                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications                | Western Blot, ELISA, Neutralization                                                                                                                                                                                                                                                                                                                                                            |
| Recommended Dilutions       | Western Blot, ELISA, Neutralization                                                                                                                                                                                                                                                                                                                                                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                         |





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### **Products Related to AF-402-NAP**

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|                     |                                |
|---------------------|--------------------------------|
| NB410-28088PE-500ul | Goat IgG Isotype Control [PE]  |
| NBP2-35054-10ug     | Recombinant Human IL-2 Protein |
| 210-TA-005          | TNF-alpha [Unconjugated]       |
| 202-IL-010          | IL-2 [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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