

# Product Datasheet

## IL-4 Antibody [Allophycocyanin] AF2469A

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2469A****IL-4 Antibody [Allophycocyanin]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Conjugate</b>                   | Allophycocyanin                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Host</b>                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene ID</b>                     | 3565                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Symbol</b>                 | IL4                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>                     | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity/Sensitivity</b>     | Detects bovine IL-4 in direct ELISAs and Western blots. In direct ELISAs, approximately 50% cross-reactivity with recombinant porcine IL-4 is observed, less than 5% cross-reactivity with recombinant human IL-4, recombinant feline IL-4, and recombinant canine IL-4 is observed, and less than 1% cross-reactivity with recombinant mouse IL-4, recombinant rat IL-4, and recombinant rhesus macaque IL-4 is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant bovine IL-4 His25-Cys135<br>Accession # P30367                                                                                                                                                                                                                                                                                                                                         |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>                | Western Blot, Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Recommended Dilutions</b>       | Western Blot, Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                     |





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### **Products Related to AF2469A**

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|                |                                            |
|----------------|--------------------------------------------|
| IC108A         | Goat IgG Isotype Control [Allophycocyanin] |
| NBP2-35252-5ug | Recombinant Rat IL-4 Protein               |
| 210-TA-005     | TNF-alpha [Unconjugated]                   |
| 6507-IL-010/CF | IL-4 [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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