

# Product Datasheet

## IL-4 Antibody [mFluor Violet 500 SE] AF2469MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF2469MFV500**

IL-4 Antibody [mFluor Violet 500 SE]

| 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                   | mFluor Violet 500 SE                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID                     | 3565                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                 | IL4                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species                     | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity     | 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. |
| Immunogen                   | <i>E. coli</i> -derived recombinant bovine IL-4<br>His25-Cys135<br>Accession # P30367                                                                                                                                                                                                                                                                                                                                      |
| Notes                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                                                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applications                | Western Blot, Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot, Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                     |





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### **Products Related to AF2469MFV500**

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|                   |                                                 |
|-------------------|-------------------------------------------------|
| NB410-28088MFV500 | Goat IgG Isotype Control [mFluor Violet 500 SE] |
| 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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