

# Product Datasheet

## IL-5 Antibody [mFluor Violet 450 SE] AF1795MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF1795MFV450**

IL-5 Antibody [mFluor Violet 450 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 450 SE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 3567                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol                 | IL5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species                     | Feline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | Detects feline IL-5 in direct ELISAs and Western blots. In direct ELISAs, approximately 80% cross-reactivity with recombinant bovine IL-5 and recombinant equine IL-5 is observed, approximately 50% cross-reactivity with recombinant porcine IL-5 and recombinant canine IL-5 is observed, approximately 10% cross-reactivity with recombinant human IL-5 is observed, and less than 1% cross-reactivity with recombinant rat IL-5, recombinant mouse IL-5, and recombinant rhesus monkey IL-5 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant feline IL-5<br>Ile20-Ser134<br>Accession # O77515                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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, Neutralization                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Western Blot, Neutralization, Immunocytochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                        |





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### **Products Related to AF1795MFV450**

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|                   |                                                 |
|-------------------|-------------------------------------------------|
| NB410-28088MFV450 | Goat IgG Isotype Control [mFluor Violet 450 SE] |
| NBP2-35132-5ug    | Recombinant Mouse IL-5 Protein                  |
| 210-TA-005        | TNF-alpha [Unconjugated]                        |
| M5000             | IL-5 [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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