

# Product Datasheet

## IL-1 alpha/IL-1F1 Antibody [mFluor Violet 450 SE] AF500MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF500MFV450**

IL-1 alpha/IL-1F1 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                     | 3552                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol                 | IL1A                                                                                                                                                                                                                                                                                                                                                                         |
| Species                     | Rat                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity     | Detects rat IL-1 $\alpha$ /IL-1F1 in direct ELISAs and Western blots. In direct ELISAs, less than 50% cross-reactivity with recombinant mouse IL-1 $\alpha$ /IL-1F1 and recombinant cotton rat IL-1 $\alpha$ /IL-1F1 is observed, and less than 15% cross-reactivity with recombinant human IL-1 $\alpha$ /IL-1F1 and recombinant porcine IL-1 $\alpha$ /IL-1F1 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant rat IL-1 $\alpha$ /IL-1F1<br>Ser115-Ser270<br>Accession # P16598                                                                                                                                                                                                                                                                         |
| 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, Neutralization                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Western Blot, Neutralization                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                       |





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### **Products Related to AF500MFV450**

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|                   |                                                 |
|-------------------|-------------------------------------------------|
| NB410-28088MFV450 | Goat IgG Isotype Control [mFluor Violet 450 SE] |
| NBP2-35227-100ug  | Recombinant Rat IL-1 alpha/IL-1F1 Protein       |
| 236-EG-200        | EGF [Unconjugated]                              |
| 200-LA-002        | IL-1 alpha/IL-1F1                               |

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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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