

# Product Datasheet

## Neuropilin-1 Antibody [mFluor Violet 450 SE] AF3870MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF3870MFV450**

Neuropilin-1 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                        | Sheep                                                                                                                                                                                                                                                                                |
| Gene ID                     | 8829                                                                                                                                                                                                                                                                                 |
| Gene Symbol                 | NRP1                                                                                                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity     | Detects human Neuropilin-1 in direct ELISAs and Western blots. In direct ELISAs, less than 50% cross-reactivity with recombinant rat Neuropilin-1 and recombinant mouse Neuropilin-1 is observed, and less than 1% cross-reactivity with recombinant human Neuropilin-2 is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant human Neuropilin <sup>1</sup> ;1 Phe22-Lys644<br>Accession # NP_001019799                                                                                                                                                            |
| 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, Flow Cytometry, Immunohistochemistry, Blockade of Receptor-ligand Interaction, CyTOF-ready, Immunocytochemistry                                                                                                                                                        |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Blockade of Receptor-ligand Interaction, Immunocytochemistry, CyTOF-ready                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                               |





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### **Products Related to AF3870MFV450**

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|               |                                          |
|---------------|------------------------------------------|
| NBP1-85763PEP | Neuropilin-1 Recombinant Protein Antigen |
| DVE00         | VEGF [HRP]                               |
| 3870-N1-025   | Neuropilin-1 [Unconjugated]              |
| NBP2-22203    | ERK1 Antibody (1E5)                      |

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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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