

# Product Datasheet

## Sirtuin 3/SIRT3 Antibody [mFluor Violet 450 SE] AF7488MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 5/28/2025 v.20.1

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**AF7488MFV450**

Sirtuin 3/SIRT3 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                     | 23410                                                                                                                                                                                                                                 |
| Gene Symbol                 | SIRT3                                                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects human Sirtuin 3/SIRT3 in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with recombinant human SIRT2 is observed.                                                                           |
| Immunogen                   | <i>E. coli</i> -derived recombinant human Sirtuin 3/SIRT3<br>Ser101-Lys399<br>Accession # Q9NTG7                                                                                                                                      |
| 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                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                |





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### **Products Related to AF7488MFV450**

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|               |                                             |
|---------------|---------------------------------------------|
| NBP1-87037PEP | Sirtuin 3/SIRT3 Recombinant Protein Antigen |
| 7488-DA-050   | Sirtuin 3/SIRT3 [Unconjugated]              |
| NBP1-04676    | PGC1 alpha Antibody - BSA Free              |
| NB200-103     | p53 Antibody (PAb 240) - BSA Free           |

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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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