

# Product Datasheet

## ATF4 Antibody (S360A-24) [mFluor Violet 450 SE] NBP2-42176MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-42176MFV450**

ATF4 Antibody (S360A-24) [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           | Monoclonal                                                                                  |
| Clone               | S360A-24                                                                                    |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a                                                                                       |
| Conjugate           | mFluor Violet 450 SE                                                                        |
| Purity              | Protein G purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                 |
| Gene ID                 | 468                                                                                                                                                                                                                                   |
| Gene Symbol             | ATF4                                                                                                                                                                                                                                  |
| Species                 | Human, Rat                                                                                                                                                                                                                            |
| Specificity/Sensitivity | Less than 50% identity with ATF5. Detects approx 60kDa. Does not cross-react with ATF5.                                                                                                                                               |
| Immunogen               | Fusion protein amino acids 25-327 of human ATF4. 86% identical to rat, and 85% identical to mouse. <50% identity with ATF5.                                                                                                           |
| 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/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.      |





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### **Products Related to NBP2-42176MFV450**

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|                 |                                           |
|-----------------|-------------------------------------------|
| NBP1-72383-50ug | Recombinant Human ATF4 His-Cam Protein    |
| 212-GD-010      | GDNF [Unconjugated]                       |
| NBP2-69883      | Human ATF4 ELISA Kit (Colorimetric)       |
| NB100-2323      | IRE1 alpha [p Ser724] Antibody - 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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