

# Product Datasheet

## **Peroxiredoxin 2 Antibody (477719) [mFluor Violet 450 SE] FAB3489MFV450**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB3489MFV450**

Peroxiredoxin 2 Antibody (477719) [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               | 477719                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a                                                                                       |
| Conjugate           | mFluor Violet 450 SE                                                                        |
| Purity              | Protein A or G purified from hybridoma culture supernatant                                  |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                 | 7001                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol             | PRDX2                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                 | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity/Sensitivity | Detects human, mouse, and rat Peroxiredoxin 2 in Western blots. In Western blots, approximately 25%-40% cross-reactivity with recombinant human (rh) Peroxiredoxin 1 and 4 is observed, and less than 10% cross-reactivity with rhPeroxiredoxin 3, 5, and 6 is observed. In direct ELISAs, approximately 15%-25% cross-reactivity with rhPeroxiredoxin 1 and 4 is observed, and less than 5% cross-reactivity with rhPeroxiredoxin 3, 5, or 6 is observed. |
| Immunogen               | <i>E. coli</i> -derived recombinant human Peroxiredoxin 2<br>Met1-Asn198<br>Accession # P32119                                                                                                                                                                                                                                                                                                                                                             |
| 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 FAB3489MFV450**

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|                  |                                             |
|------------------|---------------------------------------------|
| NBP2-52150-0.1mg | Recombinant Rat Peroxiredoxin 2 His Protein |
| 210-TA-005       | TNF-alpha [Unconjugated]                    |
| DY3489-05        | Peroxiredoxin 2 [Biotin]                    |
| DVE00            | VEGF [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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