

# Product Datasheet

## Peroxiredoxin 2 Antibody [Biotin] AF3489B

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 5/8/2025 v.20.1

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**AF3489B****Peroxiredoxin 2 Antibody [Biotin]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Conjugate</b>                   | Biotin                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Host</b>                        | Goat                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene ID</b>                     | 7001                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>                 | PRDX2                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Specificity/Sensitivity</b>     | The antibody detects endogenous human, mouse and rat Peroxiredoxin 2 in in Western blots. In Western blots, approximately 25% cross-reactivity with recombinant human (rh) Peroxiredoxin 1 and rhPeroxiredoxin 4 is observed, approximately 10% cross-reactivity with rhPeroxiredoxin 3 is observed, and less than 1% cross-reactivity with rhPeroxiredoxin 5 and rhPeroxiredoxin 6 is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant human Peroxiredoxin 2<br>Met1-Asn198<br>Accession # P32119                                                                                                                                                                                                                                                                                                   |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | Western Blot                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Recommended Dilutions</b>       | Western Blot                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                           |





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### **Products Related to AF3489B**

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|                  |                                             |
|------------------|---------------------------------------------|
| BAF108           | Goat IgG Isotype Control [Biotin]           |
| NBP2-52150-0.1mg | Recombinant Rat Peroxiredoxin 2 His Protein |
| 210-TA-005       | TNF-alpha [Unconjugated]                    |
| DY3489-05        | Peroxiredoxin 2 [Biotin]                    |

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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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