

# Product Datasheet

## Rhodopsin Antibody (4D2) [Biotin] NBP2-59690B

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-59690B**

Rhodopsin Antibody (4D2) [Biotin]

| Product Information         |                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                           |
| Storage                     | Store at 4C in the dark.                                                                                                                                                              |
| Clonality                   | Monoclonal                                                                                                                                                                            |
| Clone                       | 4D2                                                                                                                                                                                   |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                    |
| Isotype                     | IgG1                                                                                                                                                                                  |
| Conjugate                   | Biotin                                                                                                                                                                                |
| Purity                      | Protein G purified                                                                                                                                                                    |
| Buffer                      | PBS                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                 |
| Gene ID                     | 6010                                                                                                                                                                                  |
| Gene Symbol                 | RHO                                                                                                                                                                                   |
| Species                     | Amphibian, Avian, Fish, Mammal, Zebrafish                                                                                                                                             |
| Reactivity Notes            | Extinct Spiny Shark ( <i>Acanthodes bridgei</i> ). Zebrafish reactivity reported from a verified customer review.                                                                     |
| Specificity/Sensitivity     | Binds specifically to the N-terminus of Rhodopsin. Does not detect Rhodopsin in invertebrates.                                                                                        |
| Immunogen                   | Bovine Rhodopsin                                                                                                                                                                      |
| Notes                       | 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                | ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Immunoprecipitation                                                                                      |
| Recommended Dilutions       | ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen                                                                                      |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                |





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### **Products Related to NBP2-59690B**

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|               |                                           |
|---------------|-------------------------------------------|
| NBP1-96888    | Mouse IgG1 Isotype Control (MG1) [Biotin] |
| NBP2-55553PEP | Rhodopsin Recombinant Protein Antigen     |
| 664-LI-025    | LIGHT/TNFSF14 [Unconjugated]              |
| NBP2-04162    | Rhodopsin Overexpression Lysate           |

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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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