

# Product Datasheet

## Plakophilin-3 Antibody (12B11F8) [Alexa Fluor® 350] NBP1-97675AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97675AF350**

Plakophilin-3 Antibody (12B11F8) [Alexa Fluor® 350]

| 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                   | 12B11F8                                                                                                                                                                                                                                                                                                                                         |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                              |
| Isotype                 | IgG2a                                                                                                                                                                                                                                                                                                                                           |
| Conjugate               | Alexa Fluor 350                                                                                                                                                                                                                                                                                                                                 |
| Purity                  | Protein A or G purified                                                                                                                                                                                                                                                                                                                         |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                              |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                 |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                 | 11187                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol             | PKP3                                                                                                                                                                                                                                                                                                                                            |
| Species                 | Human, Mouse, Porcine, Canine                                                                                                                                                                                                                                                                                                                   |
| Reactivity Notes        | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Specificity/Sensitivity | This antibody reacts with an epitope located between residues 779-793 in Human plakophilin-3.                                                                                                                                                                                                                                                   |
| Immunogen               | This antibody is a mouse monoclonal IgG2a antibody derived by fusion of mouse myeloma cells with spleen cells from a mouse immunized with a synthetic peptide corresponding to the extreme carboxyterminal amino acid residues 779-793 (KLHRDFRAKGYRKED) of human plakophilin-3 coupled to keyhole limpet hemocyanin                            |



|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Application Details</b> |                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                   |



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### **Products Related to NBP1-97675AF350**

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|               |                                           |
|---------------|-------------------------------------------|
| NBP2-49379PEP | Plakophilin-3 Recombinant Protein Antigen |
| AF748         | E-Cadherin Antibody [Unconjugated]        |
| NBP1-05987    | ZEB1 Antibody                             |
| NB110-55288   | DRP1 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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