

# Product Datasheet

## Mitochondria Antibody (SPM198) [Allophycocyanin] NBP2-34745APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34745APC**

Mitochondria Antibody (SPM198) [Allophycocyanin]

| 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                       | SPM198                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | Allophycocyanin                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Target Molecular Weight     | 60 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Human, Mouse (Negative), Rat (Negative)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity Notes            | Does not react with Mouse or Rat.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Marker                      | Mitochondrial Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | monoclonal antibody 113-1 recognizes a 60kDa antigen associated with the mitochondria in human cells. It can be used to stain mitochondria in cell or tissue preparations and can be used as a mitochondrial marker in subcellular fractions. It produces a spaghetti-like pattern in normal and malignant cells. This antibody is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells, including neurons and embryonic stem cells. |
| Immunogen                   | Semi-purified mitochondrial preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                  |





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### **Products Related to NBP2-34745APC**

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|        |                                                      |
|--------|------------------------------------------------------|
| IC002A | Mouse IgG1 Isotype Control (11711) [Allophycocyanin] |
|--------|------------------------------------------------------|

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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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