

# Product Datasheet

## alpha Tubulin Antibody (YL1/2) [Allophycocyanin] NB600-506APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-506APC**

alpha Tubulin Antibody (YL1/2) [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                       | YL1/2                                                                                                                                                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                               |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate                   | Allophycocyanin                                                                                                                                                                                                                                                                                                                                                  |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                                                                               |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                  |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 7846                                                                                                                                                                                                                                                                                                                                                             |
| Gene Symbol                 | TUBA1A                                                                                                                                                                                                                                                                                                                                                           |
| Species                     | Human, Mouse, Rat, Avian, C. elegans, Drosophila, Invertebrate, Mammal, Primate, Monkey, Yeast                                                                                                                                                                                                                                                                   |
| Reactivity Notes            | S. cerevisiae, S. pombe, Slime molds, Allium. Other species have not been tested. Expected to react with most eukaryotes due to sequence identity. Drosophila reactivity reported in scientific literature (PMID: 24019759). C. elegans reactivity reported in scientific literature (PMID: 29118344). Toxoplasma gondii reactivity reported by customer review. |
| Marker                      | Microtubule Marker                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                   | This alpha Tubulin Antibody (YL1/2) was developed against full length native protein (purified) (S. cerevisiae).                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                  |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Radioimmunoassay                                                                                                                                                |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Functional, Radioimmunoassay                                                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                           |





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### **Products Related to NB600-506APC**

|                    |                                                      |
|--------------------|------------------------------------------------------|
| IC006A             | Rat IgG2a Isotype Control (54447) [Allophycocyanin]  |
| NB600-506G         | alpha Tubulin Antibody (YL1/2) [DyLight 488]         |
| H00007846-Q01-10ug | Recombinant Human alpha Tubulin GST (N-Term) Protein |
| DPLG70             | PLA2G7/PAF-AH/Lp-PLA2 [HRP]                          |

### **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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