

# Product Datasheet

## alpha Tubulin Antibody (YL1/2) [Alexa Fluor® 647] NB600-506AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-506AF647**

alpha Tubulin Antibody (YL1/2) [Alexa Fluor® 647]

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	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

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).
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . 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.

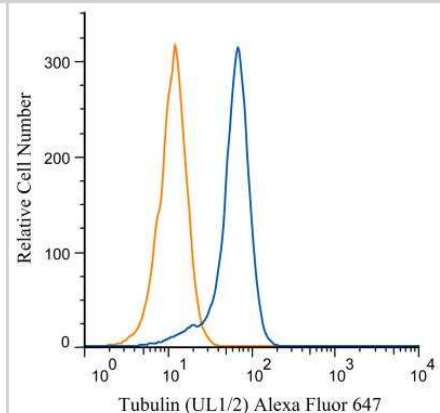
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Functional, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Radioimmunoassay



<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Functional, Radioimmunoassay
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Flow Cytometry: Tubulin Antibody (YL1/2) [Alexa Fluor (R) 647] [NB600-506AF647] - An intracellular stain was performed on HeLa cells with Tubulin antibody (YL1/2) NB600-506AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.





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### **Products Related to NB600-506AF647**

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IC006R	Rat IgG2a Isotype Control (54447) [Alexa Fluor® 647]
NB600-506AF700	alpha Tubulin Antibody (YL1/2) [Alexa Fluor® 700]
H00007846-Q01-10ug	Recombinant Human alpha Tubulin GST (N-Term) Protein
DPLG70	PLA2G7/PAF-AH/Lp-PLA2 [HRP]

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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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