

# Product Datasheet

## alpha Tubulin Antibody (DM1A) [Alexa Fluor™ Plus 647] NB100-690AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-690AFP647**

alpha Tubulin Antibody (DM1A) [Alexa Fluor™ Plus 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               | DM1A  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | Alexa Fluor Plus 647  |
| Purity              | Protein G purified  |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 7846   |
| Gene Symbol             | TUBA1A   |
| Species                 | Human, Mouse, Rat, Porcine, Avian, Bovine, Canine, Chicken, Chinese Hamster, Drosophila, Fungi, Guinea Pig, Goat, Hamster, Parasite, Primate, Monkey, Rabbit, Xenopus, Yeast   |
| Reactivity Notes        | Use in Mouse reported in scientific literature (PMID:34871568) Use in Mouse reported in scientific literature (PMID:34533563). Yeast reactivity reported in scientific literature (PMID: 25126732). Goat reactivity reported in scientific literature (PMID:31805146). Will likely react with all mammals.   |
| Specificity/Sensitivity | This alpha Tubulin Antibody (DM1A) does not cross-react with beta Tubulin.   |
| Immunogen               | This alpha Tubulin Antibody (DM1A) was developed against native chicken brain microtubules.  |
| Notes                   | <p>This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.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.</p> |

**Product Application Details**

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunomicroscopy, Immunoprecipitation, CyTOF-ready |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunomicroscopy, Flow (Intracellular), CyTOF-ready |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NB100-690AFP647**

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|                    |  |
|--------------------|--|
| H00007846-Q01-10ug | Recombinant Human alpha Tubulin GST (N-Term) Protein |
| DPLG70             | PLA2G7/PAF-AH/Lp-PLA2 [HRP]                          |
| NBL1-17427         | alpha Tubulin Overexpression Lysate                  |
| NB600-501          | beta-Actin Antibody (AC-15)                          |

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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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