

# Product Datasheet

## alpha Tubulin Antibody (YOL1/34) [Janelia Fluor® 549] NB100-1639JF549-0.25ml

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-1639JF549-0.25ml**

alpha Tubulin Antibody (YOL1/34) [Janelia Fluor® 549]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.25 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C in the dark.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | YOL1/34   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG2a   |
| <b>Conjugate</b>                   | Janelia Fluor 549   |
| <b>Purity</b>                      | Protein G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Rat   |
| <b>Gene ID</b>                     | 7846  |
| <b>Gene Symbol</b>                 | TUBA1A  |
| <b>Species</b>                     | Human, Mouse, Rat, Drosophila, Fungi, Yeast   |
| <b>Reactivity Notes</b>            | Cross reacts with Arabidopsis, Saccharomyces, Platyzoma, Ashbya, and Naegleria. Based on sequence similarity, is expected to react with: Birds and Mammals.   |
| <b>Marker</b>                      | Microtubule Marker  |
| <b>Specificity/Sensitivity</b>     | This alpha Tubulin Antibody (YOL1/34) detects an epitope on alpha tubulin between the amino acids 414-422. It has a higher affinity for fixed microtubules (formaldehyde or glutaraldehyde) than native microtubules when performing IHC. |
| <b>Immunogen</b>                   | This alpha Tubulin Antibody (YOL1/34) was made from yeast tubulin.  |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Radioimmunoassay   |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Radioimmunoassay, Flow (Intracellular)   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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