

# Product Datasheet

## **rRNA Antibody (Y10b) [Alexa Fluor® 647] NB100-662AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-662AF647**

rRNA Antibody (Y10b) [Alexa Fluor® 647]

**Product Information**

<b>Unit Size</b>	0.1 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>	Y10b
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG3 Kappa
<b>Conjugate</b>	Alexa Fluor 647
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

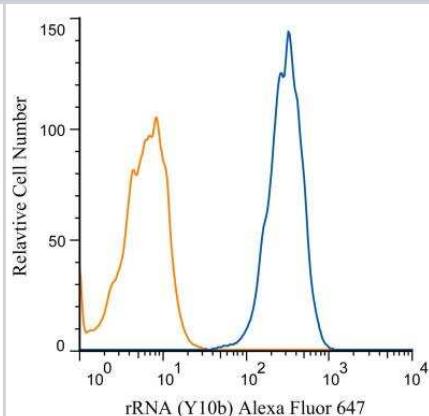
<b>Host</b>	Mouse
<b>Species</b>	Human, Mouse, All Species, Bacteria
<b>Reactivity Notes</b>	This antibody reacts with all eukaryotes. Bacteria reactivity reported in scientific literature (PMID: 26134566).
<b>Specificity/Sensitivity</b>	This is specific for ribosomal RNA. There is no cross-reactivity with other RNAs.
<b>Immunogen</b>	The whole 5.8S ribosomal RNA.
<b>Notes</b>	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**

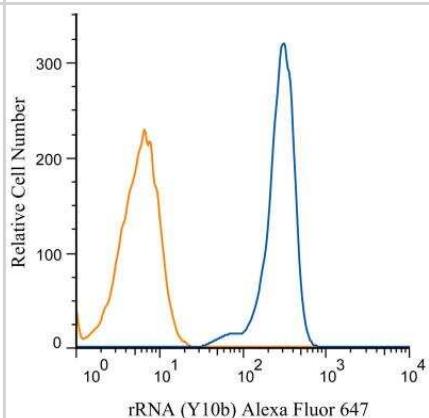
<b>Applications</b>	Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready, CyTOF-reported, Immunocytochemistry
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/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

## Images

Flow Cytometry: rRNA Antibody (Y10b) [Alexa Fluor 647] [NB100-662AF647] - An intracellular stain was performed on SH-SY5Y cells with rRNA (Y10b) antibody NB100-662AF647 (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.



Flow Cytometry: rRNA Antibody (Y10b) [Alexa Fluor 647] [NB100-662AF647] - An intracellular stain was performed on HeLa cells with rRNA (Y10b) antibody NB100-662AF647 (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 NB100-662AF647

NB100-662AF700

rRNA Antibody (Y10b) [Alexa Fluor® 700]

## 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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