

# Product Datasheet

## rRNA Antibody (Y10b) - Azide and BSA Free NBP2-80932

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP2-80932**

rRNA Antibody (Y10b) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	Y10b
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG3 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

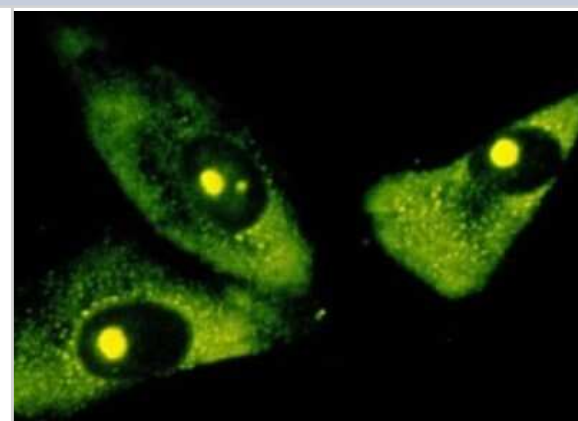
<b>Description</b>	Novus Biologicals Mouse rRNA Antibody (Y10b) - Azide and BSA Free (NB100-662) is a monoclonal antibody validated for use in IHC, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	Human, Mouse, All Species, Bacteria
<b>Reactivity Notes</b>	This antibody reacts with all eukaryotes. Bacteria reactivity reported in scientific literature (PMID: 26134566).
<b>Immunogen</b>	The whole 5.8S ribosomal RNA.

**Product Application Details**

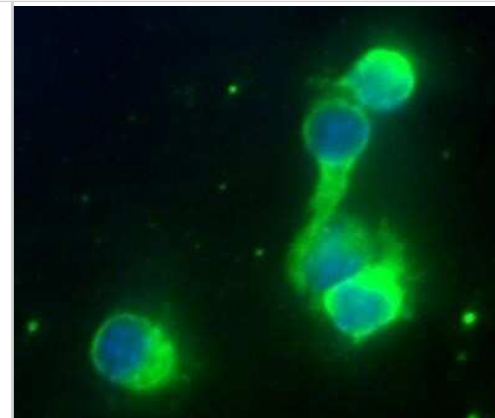
<b>Applications</b>	Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:2500, Immunoprecipitation 10 ul/lysate, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready
<b>Application Notes</b>	This rRNA Antibody (Y10b) is useful for Immunocytochemistry/Immunofluorescence and Immunoprecipitation. In ICC/IF, staining was observed in Ribosomes in the nucleoli and cytoplasm of Ntera2 cells.

**Images**

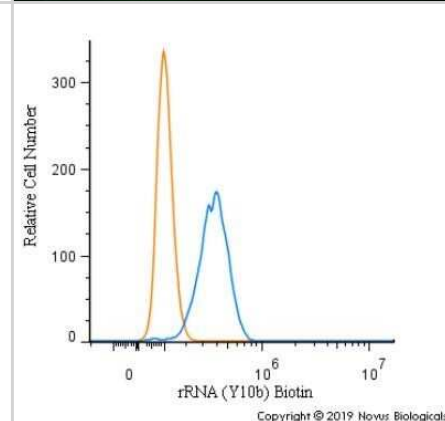
Immunocytochemistry/Immunofluorescence: rRNA Antibody (Y10b) - Azide and BSA Free [NBP2-80932] - Staining of rRNA in vero cells. Image from the standard format of this antibody.



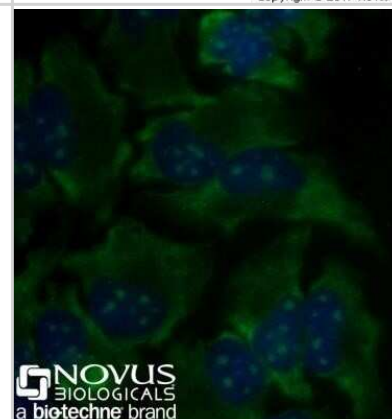
**Immunohistochemistry: rRNA Antibody (Y10b) - Azide and BSA Free [NBP2-80932]** - Immunohistochemical staining of mouse neuronal progenitor culture using rRNA antibody (green). Image from verified customer review. Image from the standard format of this antibody.



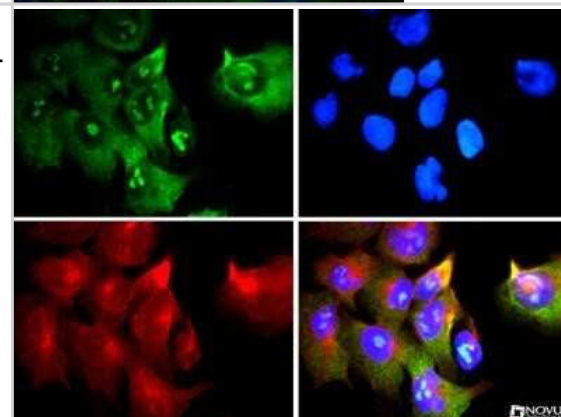
**Flow Cytometry: rRNA Antibody (Y10b) - Azide and BSA Free [NBP2-80932]** - An intracellular stain was performed on HeLa cells with rRNA Antibody [Y10b] NB100-662B (blue) and a matched isotype control (orange). Both antibodies were directly conjugated to Biotin. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature, followed by Streptavidin - R-Phycoerythrin Protein (2012-1000, Novus Biologicals).



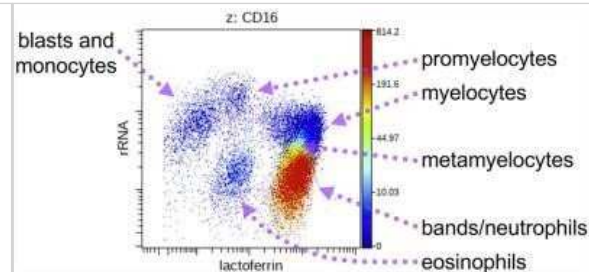
**Immunocytochemistry/Immunofluorescence: rRNA Antibody (Y10b) - Azide and BSA Free [NBP2-80932]** - HeLa cells were fixed and permeabilized for 10 minutes using -20C MeOH. The cells were incubated with anti-rRNA (Y10b) conjugated to DyLight 488 [NB100-662G] at 5ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



**Immunocytochemistry/Immunofluorescence: rRNA Antibody (Y10b) - Azide and BSA Free [NBP2-80932]** - rRNA antibody was tested in Ntera-2 cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). Image from the standard format of this antibody.



CyTOF-ready: rRNA Antibody (Y10b) - Azide and BSA Free [NBP2-80932] - Human bone marrow after RBC lysis, stained with anti-CD16, fixed, permeabilized with methanol, stained with anti-lactoferrin 1C6 NB120-10109 and anti-rRNA Y10b NB100-662, and gated on myeloid cells per Nat Med. 2020. 26:408-417. CyTOF image submitted by a verified customer review. Image from the standard format of this antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)

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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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