

Product Datasheet

rRNA Antibody (Y10b) [Biotin] NB100-662B

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-662B

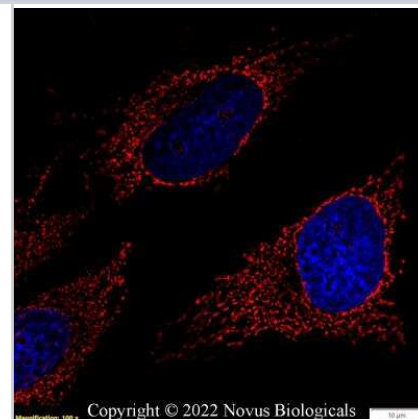
rRNA Antibody (Y10b) [Biotin]

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	Y10b
Preservative	0.05% Sodium Azide
Isotype	IgG3 Kappa
Conjugate	Biotin
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Species	Human, Mouse, All Species, Bacteria
Reactivity Notes	This antibody reacts with all eukaryotes. Bacteria reactivity reported in scientific literature (PMID: 26134566).
Specificity/Sensitivity	This is specific for ribosomal RNA. There is no cross-reactivity with other RNAs.
Immunogen	The whole 5.8S ribosomal RNA.
Product Application Details	
Applications	Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready, CyTOF-reported, Immunocytochemistry
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Flow (Intracellular), Immunocytochemistry, CyTOF-reported, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

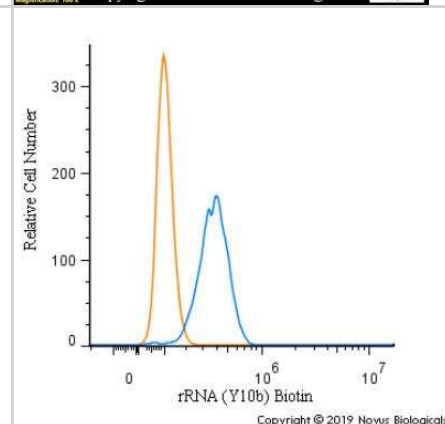


Images

Immunocytochemistry/Immunofluorescence: rRNA Antibody (Y10b) [Biotin] [NB100-662B] - HeLa cells were fixed and permeabilized for 10 minutes with -20C MeOH. The cells were incubated with rRNA Antibody [Y10b] conjugated to Biotin (NB100-662B) at 5ug/ml overnight at 4C and detected with Streptavidin conjugated to DyLight 550. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



Flow Cytometry: rRNA Antibody (Y10b) [Biotin] [NB100-662B] - An intracellular stain was performed on HeLa cells with rRNA Antibody [Y10b] NB100-662B (blue) and a matched isotype control (orange). Both antibodies were 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).





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Products Related to NB100-662B

NBP2-29370	Streptavidin Native Protein
NB100-662G	rRNA Antibody (Y10b) [DyLight 488]

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

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