

# Product Datasheet

## Nestin Antibody (10C2) [DyLight 550] NB300-266R

Unit Size: 0.1 ml

Store at 4C in the dark.

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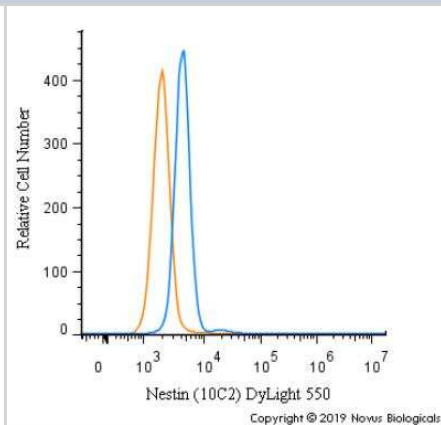
**NB300-266R**

Nestin Antibody (10C2) [DyLight 550]

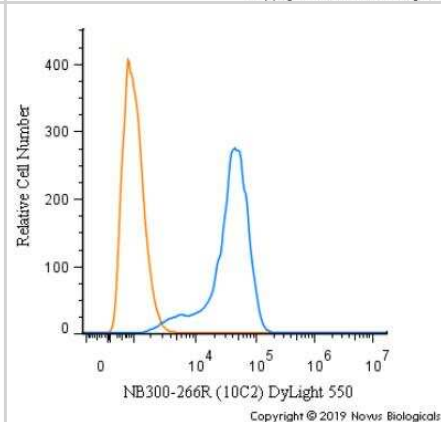
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	10C2
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	DyLight 550
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	10763
<b>Gene Symbol</b>	NES
<b>Species</b>	Human, Mouse, Rabbit (Negative), Rat (Negative)
<b>Reactivity Notes</b>	This antibody does not cross-react with rat or rabbit.
<b>Marker</b>	Neural Stem Cell Marker
<b>Immunogen</b>	A fragment of the human Nestin protein corresponding to residues 1464-1614. [UniProt P48681]
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

**Flow Cytometry: Nestin Antibody (10C2) [DyLight 550] [NB300-266R] -**  
 An intracellular stain was performed on SK-MEL-28 cells with Nestin [10C2] Antibody NB300-266R (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 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to DyLight 550.



**Flow Cytometry: Nestin Antibody (10C2) [DyLight 550] [NB300-266R] -**  
 An intracellular stain was performed on SH-SY5Y cells with Nestin [10C2] Antibody NB300-266R (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 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to DyLight 550.





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### **Products Related to NB300-266R**

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NBP1-43319R	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 550]
NB300-266C	Nestin Antibody (10C2) [DyLight 650]
NBP2-48575PEP	Nestin Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]

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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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