



## Nestin

## Data Sheet

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<b>Catalog Number:</b>	MO15056	<b>Host:</b>	Mouse
<b>Product Type:</b>	Protein G purified IgG <sub>2A</sub>	<b>Species Reactivity:</b>	Mouse, Rat
<b>Clone:</b>		<b>Format:</b>	Liquid 1mg/ml in PBS with 5% trehalose
<b>Immunogen Sequence:</b>	Recombinant Rat Nestin (a.a. 554-776)		
<b>Applications:</b>	<b>Immunocytochemistry:</b> 10 µg/mL <b>Immunocytochemistry:</b> 10 µg/mL		
	<b>Dilutions provided as a recommendation. Optimal dilution should be determined by end user</b>		
<b>Storage:</b>	Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

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### Application Notes

#### Immunohistochemistry

This antibody was used at a concentration of 10 µg/mL to detect Nestin on rat cortical cells and mouse fetal brain sections. Cells or sections were fixed with PBS containing 4% paraformaldehyde for 20 minutes at room temperature and blocked with PBS containing 10% normal donkey serum, 0.1% Triton X-100, and 1% BSA for 45 minutes at room temperature. After blocking, cells were incubated with diluted primary antibody overnight at 4°C followed by Rhodamine Red-coupled antimouse IgG at room temperature in the dark for one hour. Between each step, cells were washed with PBS containing 0.1% BSA.