

**Nestin**  
Mouse Monoclonal antibody(Mab)  
Catalog # AD80032

## Specification

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### Nestin - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P48681</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	177439

### Nestin - Additional info

Gene ID	10763
Gene Name	NES
<b>Other Names</b>	
Nestin, NES	

### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

### Storage

Maintain refrigerated at 2-8°C

### Precautions

**Nestin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### Nestin - Protein Information

**Name** NES

**Function**

**Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells (By similarity). CNS stem cells.**

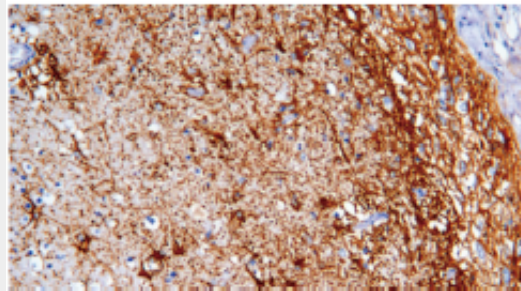
**Tissue Location**

### Nestin - Protocols

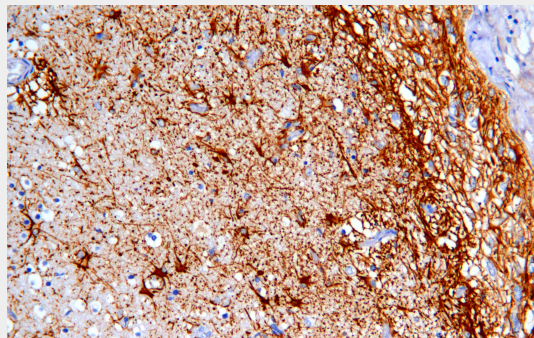
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Nestin - Images**



Brain glioma



Immunohistochemical analysis of paraffin-embedded glioblastoma tissue using AD80032 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.