

**Nestin Antibody (clone 2C1.3A11)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS12503****Specification**

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**Nestin Antibody (clone 2C1.3A11) - Product Information**

Application	IHC
Primary Accession	<a href="#">P48681</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	177kDa KDa

**Nestin Antibody (clone 2C1.3A11) - Additional Information****Gene ID** 10763**Other Names**

Nestin, NES

**Target/Specificity**

Human Nestin with no cross- reactivity to rodent

**Reconstitution & Storage**

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

Nestin Antibody (clone 2C1.3A11) is for research use only and not for use in diagnostic or therapeutic procedures.

**Nestin Antibody (clone 2C1.3A11) - 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).

**Tissue Location**

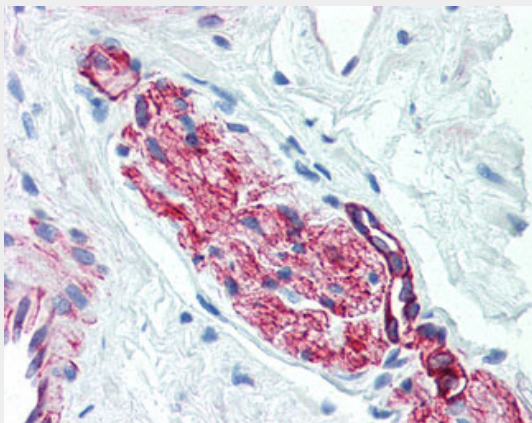
CNS stem cells.

**Nestin Antibody (clone 2C1.3A11) - 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 Antibody (clone 2C1.3A11) - Images**



Anti-Nestin antibody IHC of human prostate, nerve.

#### **Nestin Antibody (clone 2C1.3A11) - Background**

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#### **Nestin Antibody (clone 2C1.3A11) - References**

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Gregory S.G.,et al.Nature 441:315-321(2006).  
Yaworsky P.J.,et al.Dev. Biol. 205:309-321(1999).  
Ohira M.,et al.Cancer Lett. 197:63-68(2003).  
Olsen J.V.,et al.Cell 127:635-648(2006).