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Nestin Antibody (clone 10C2)

Mouse Monoclonal Antibody
Catalog # ALS15204

Specification

Nestin Antibody (clone 10C2) - Product Information

Application	**WB, IHC**
Primary Accession	P48681
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**177kDa KDa**

Nestin Antibody (clone 10C2) - Additional Information

Gene ID 10763

Other Names
Nestin, NES

Reconstitution & Storage
Store at 4°C, avoid repeated freeze thaw cycles.

Precautions
Nestin Antibody (clone 10C2) is for research use only and not for use in diagnostic or therapeutic procedures.

Nestin Antibody (clone 10C2) - 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 10C2) - Protocols

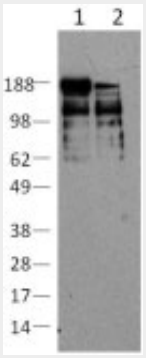
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

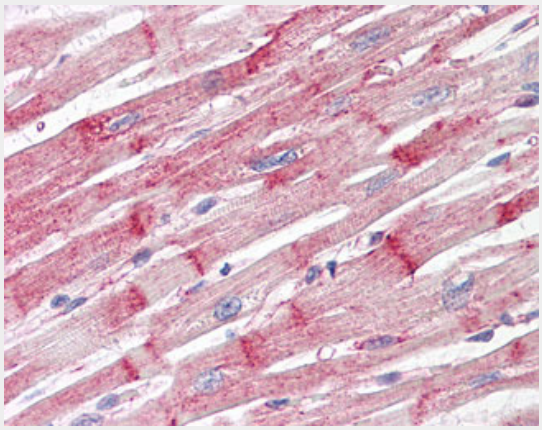
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Nestin Antibody (clone 10C2) - Images



U251 cell lysates prepared under non-reducing (lane 1) or reducing (lane 2) conditions were...



Anti-Nestin antibody IHC of human heart.

Nestin Antibody (clone 10C2) - Background

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Nestin Antibody (clone 10C2) - References

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Olsen J.V.,et al.Cell 127:635-648(2006).