

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.

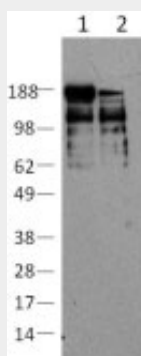
Nestin Antibody (clone 10C2) - Protocols

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

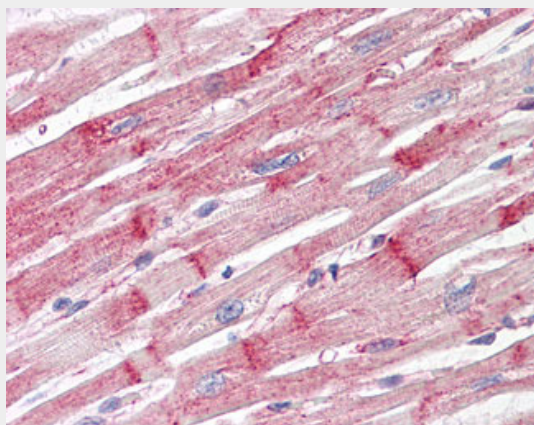
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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

- Dahlstrand J., et al. *J. Cell Sci.* 103:589-597(1992).
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).