



Nestin

Mouse Monoclonal antibody(Mab)
Catalog # AD80032

Specification

Nestin - Product info

Application IHC-P
Primary Accession P48681
Reactivity Human
Host Mouse
Clonality Monoclonal
Calculated MW 177439

Nestin - Additional info

Gene ID
Gene Name
Other Names
Nestin, NES

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions Nestin Antibody is for research use only

10763

NES

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

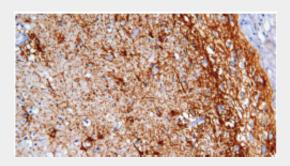
Nestin - Protocols



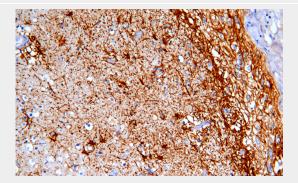
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- 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. AmpSeeTM Detection Systems Abcepta: AR005 was used as the secondary antibody.