

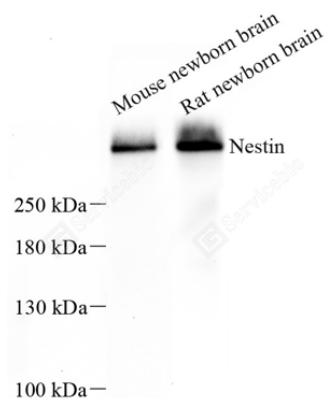


| | |
|--------------------------|---|
| Product name: | Recombinant Anti-Nestin Mouse Monoclonal Antibody |
| Cat number: | MABS155685 |
| Conjugate: | unconjugated |
| Host: | Rabbit |
| Size: | 100 µL |
| Synonyms: | NES, Nbla00170, nestin |
| Clone: | N19 |
| Concentration: | 1mg/ml |
| Isotype: | IgG1, κ |
| Immunogen: | Recombinant protein corresponding to Mouse Nestin |
| Reactivity: | Species, Mouse, Rat |
| Applications: | WB 1: 500-1: 1500 IHC/IF 1: 750-1: 1500 |
| Molecular Weight: | 208 kDa / 208 kDa |
| Purification: | Affinity purification |
| Background: | 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. |
| Form: | Liquid |
| Buffer: | PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol. |
| Storage: | Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

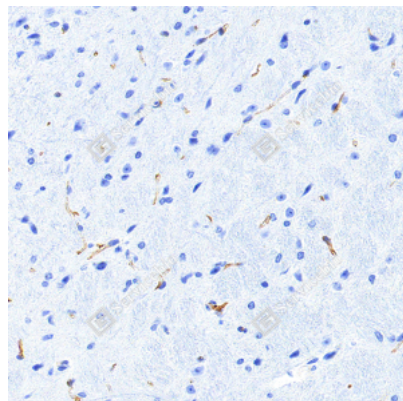
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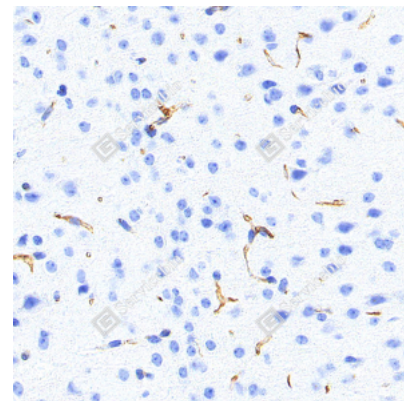
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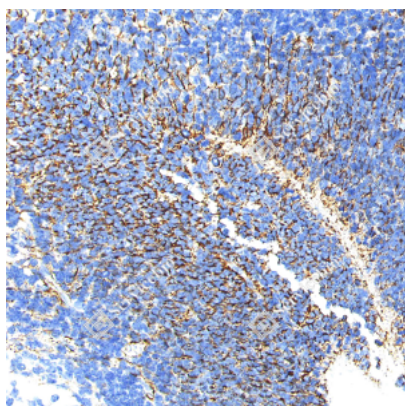
WB analysis of Nestin. Sample: Protein treated by RIPA Lysis Buffer . Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG , 1: 3000, RT, 1h.



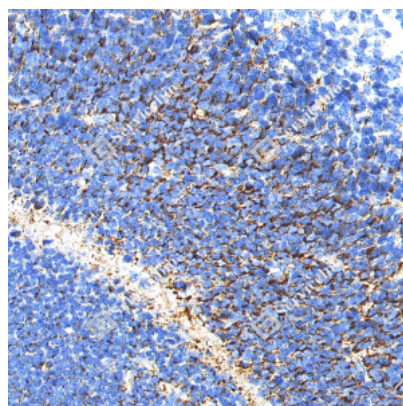
IHC analysis of Nestin. Sample: Mouse brain, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.



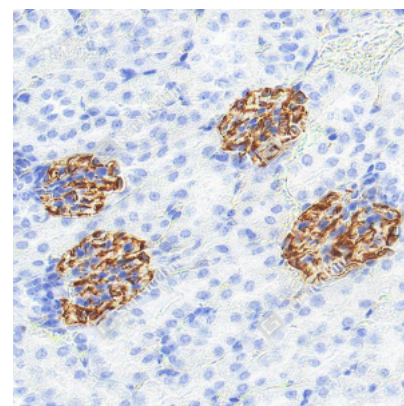
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IHC analysis of Nestin. Sample: Mouse embryo, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.



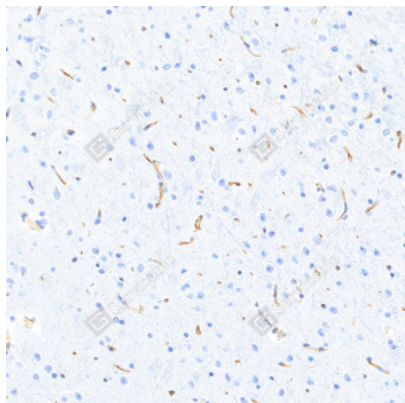
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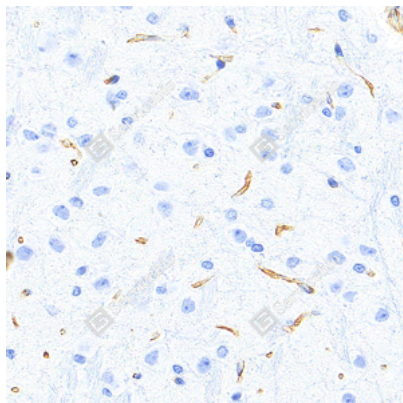
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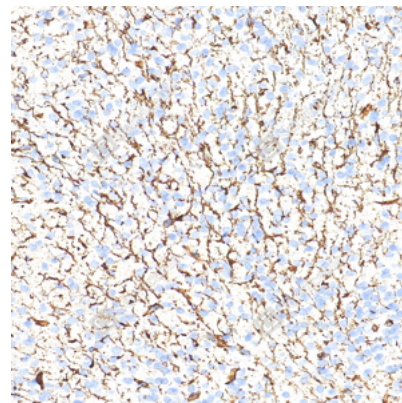
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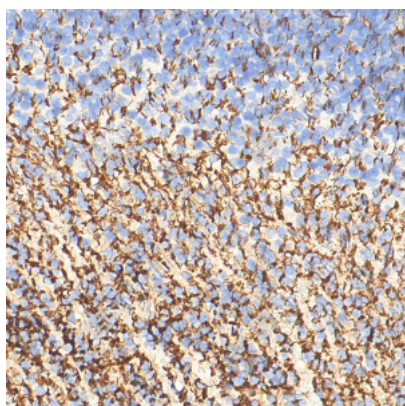
IHC analysis of Nestin. Sample: Rat brain, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.



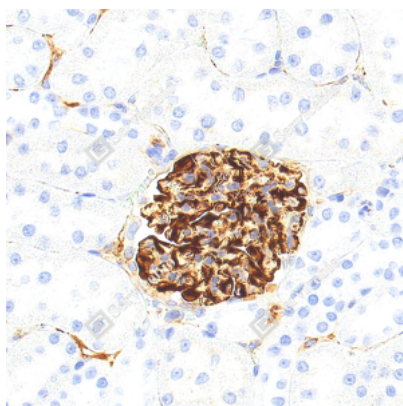
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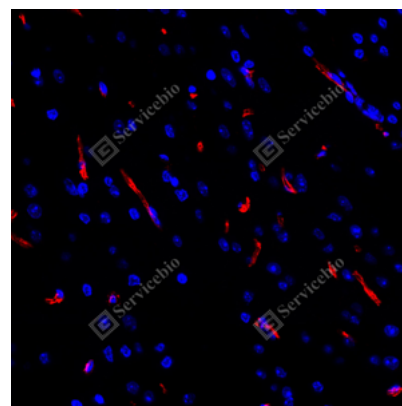
IHC analysis of Nestin. Sample: Rat fetus brain, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.



IHC analysis of Nestin. Sample: Rat fetus brain, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.

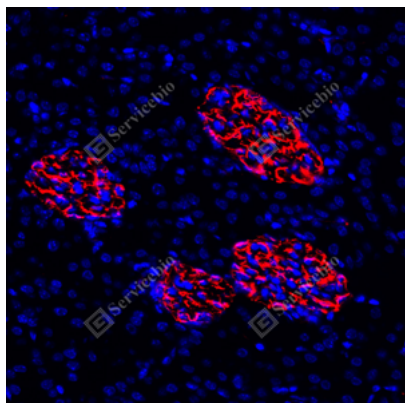


IHC analysis of Nestin. Sample: Rat kidney, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.

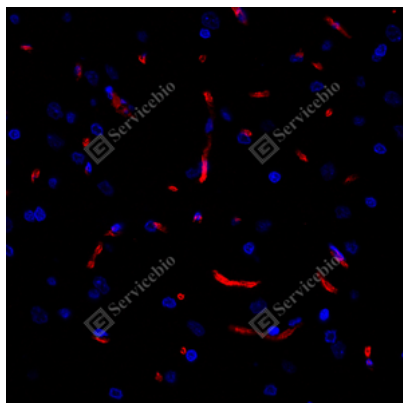


IF analysis of Nestin. Sample: Mouse brain, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.

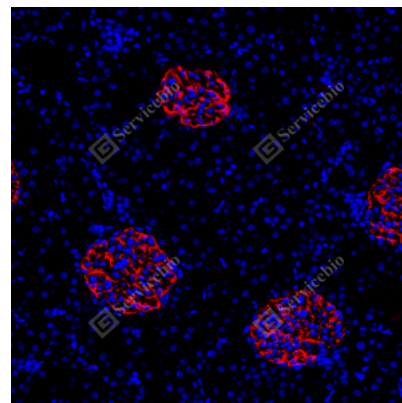
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IF analysis of Nestinred. Sample: Mouse kidney, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.



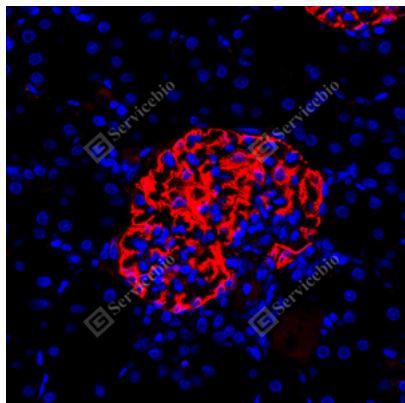
IF analysis of Nestinred. Sample: Rat brain, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.



IF analysis of Nestinred. Sample: Rat kidney, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.

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IF analysis of Nestinred. Sample: Rat kidney, 4% PFA 12-24h. Antigen retrieval: Tris-EDTA buffer , 98°C, 20min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1: 750, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG , Ready to use, RT, 20min.

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