

# Product Datasheet

## Nestin Antibody (CL0197) - BSA Free NBP2-59775

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-59775**

Nestin Antibody (CL0197) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL0197
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

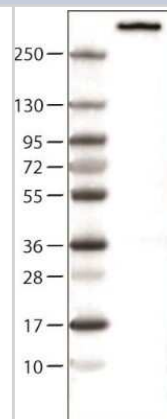
<b>Description</b>	Novus Biologicals Mouse Nestin Antibody (CL0197) - BSA Free (NBP2-59775) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	10763
<b>Gene Symbol</b>	NES
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P48681, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

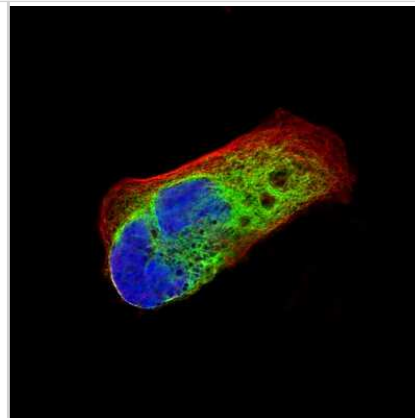
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

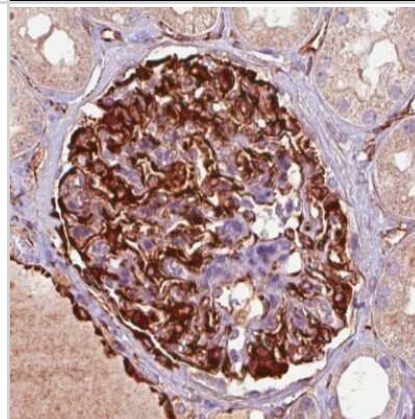
Western Blot: Nestin Antibody (CL0197) [NBP2-59775] - Lane 1: Marker [kDa] Lane 2: Human cell line U-251 MG



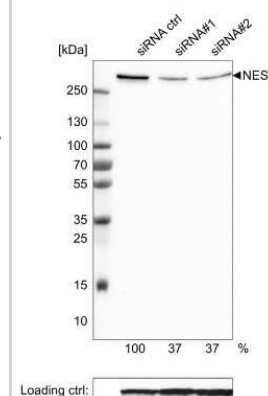
**Immunocytochemistry/Immunofluorescence: Nestin Antibody (CL0197) [NBP2-59775]** - Staining of RH-30 cells using the Anti-NES monoclonal antibody, showing specific staining in intermediate filaments in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



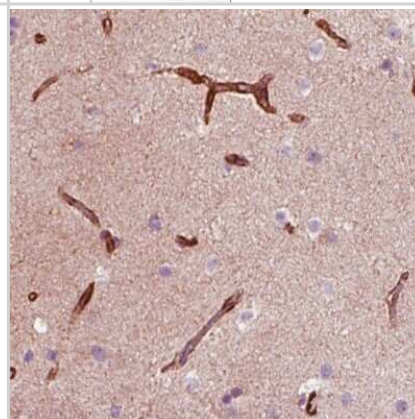
**Immunohistochemistry-Paraffin: Nestin Antibody (CL0197) [NBP2-59775]** - Staining of human kidney shows strong positivity in renal glomeruli.



**Western Blot: Nestin Antibody (CL0197) [NBP2-59775]** - Analysis of extracts from U-251 cells, transfected with: control siRNA, target specific siRNA probe #1, target specific siRNA probe #2, using Anti-NES monoclonal antibody. Downregulation of antibody signal confirms target specificity. Remaining % intensity, relative control lane, is indicated. Anti-GAPDH monoclonal antibody was used as loading control.



**Immunohistochemistry-Paraffin: Nestin Antibody (CL0197) [NBP2-59775]** - Staining of human cerebral cortex shows strong immunoreactivity in the endothelial cells.





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### **Products Related to NBP2-59775**

NBP2-59775PEP	Nestin Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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