

# 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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**NBP2-59775**

Nestin Antibody (CL0197) - BSA Free

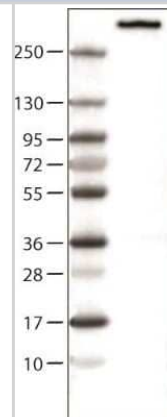
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0197
Preservative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

Product Description	
Host	Mouse
Gene ID	10763
Gene Symbol	NES
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P48681, with the exact immunogen sequence remaining proprietary.

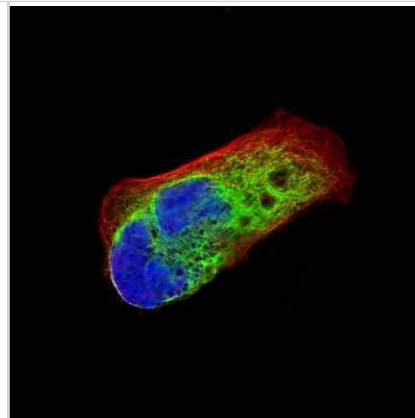
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml,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

**Images**

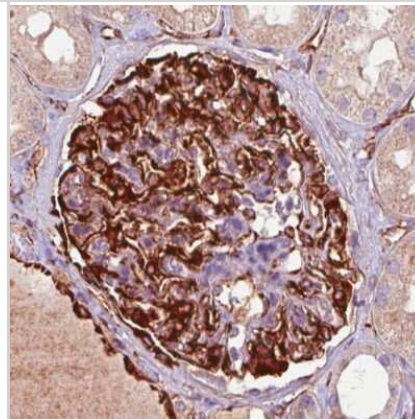
Western Blot: Nestin Antibody (CL0197) [NBP2-59775] - Lane 1: Marker [kDa] Lane 2: Human cell line U-251 MG



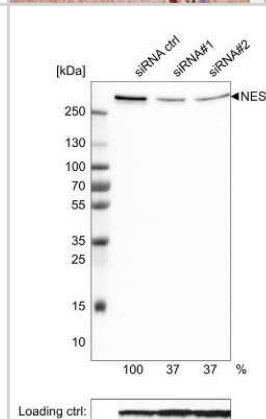
Immunocytochemistry/Immunofluorescence: Nestin Antibody (CL0197) [NBP2-59775] - Staining of RH-30 cells using the Anti-NES monoclonal antibody, showing specific staining in intermediate filaments in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



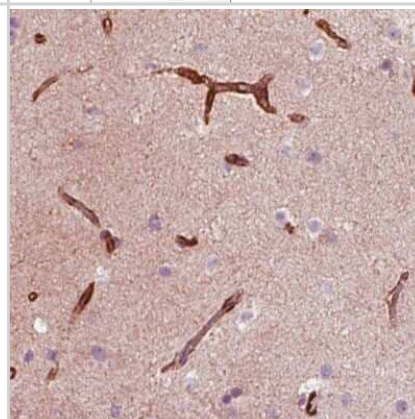
Immunohistochemistry-Paraffin: Nestin Antibody (CL0197) [NBP2-59775] - Staining of human kidney shows strong positivity in renal glomeruli.



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**

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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)

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### **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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