

## Catalog #: 52542

### Aliases

NES; Nestin; FLJ21841; Nbla00170

### Background

Gene Name: NES

NCBI Gene Entry: [10763](#)

UniProt Entry: [P48681](#)

### Application Information

Molecular Weight: Predicted, 177 kDa; observed, 300 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB1630

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human Nestin

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:5,000

Immunohistochemistry (IHC): 1:50-1:200

Immunocytochemistry (IC): 1:50-1:200

**Note:** This product is for research use only.

### Validation Data

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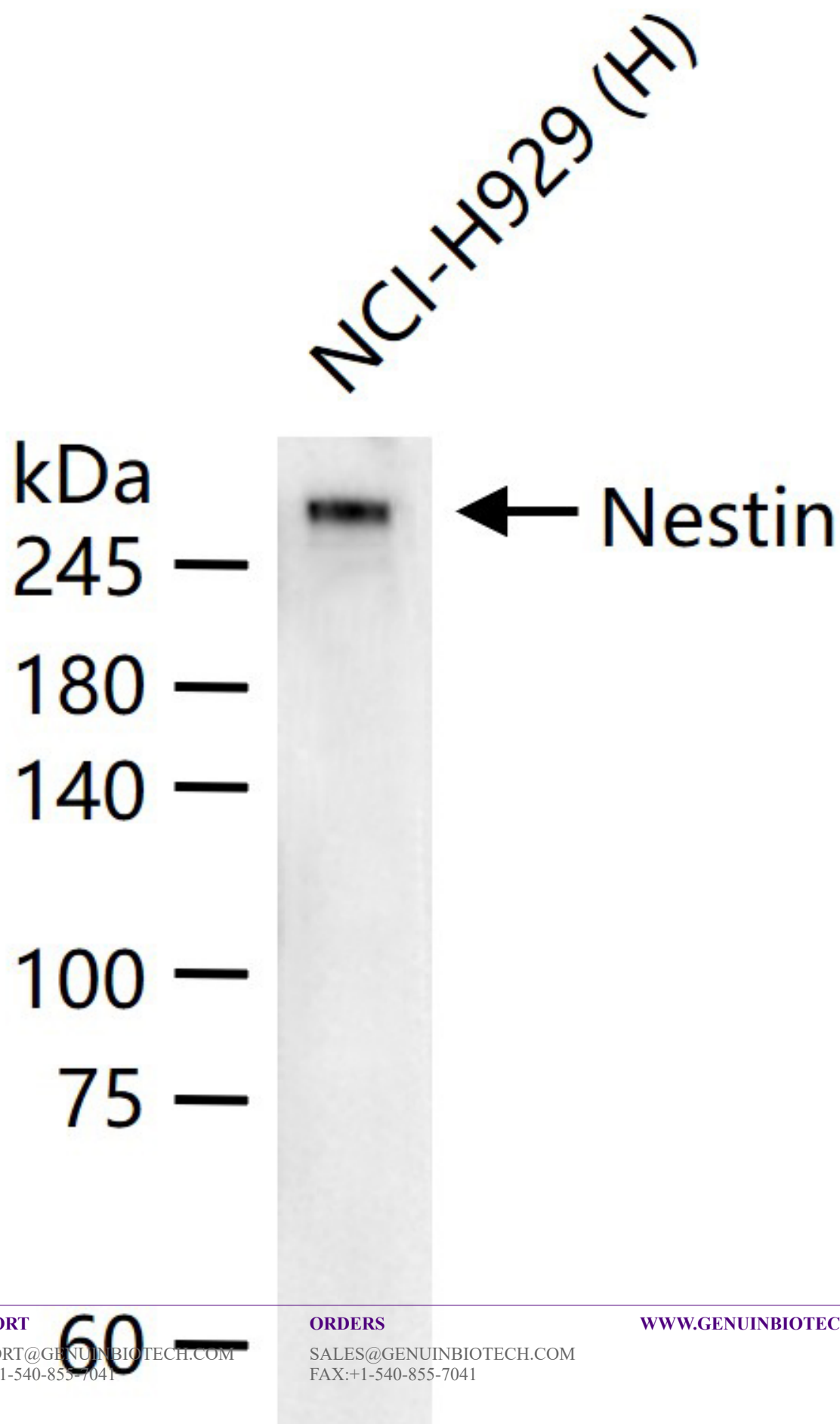
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TEL: +1-540-855-7041

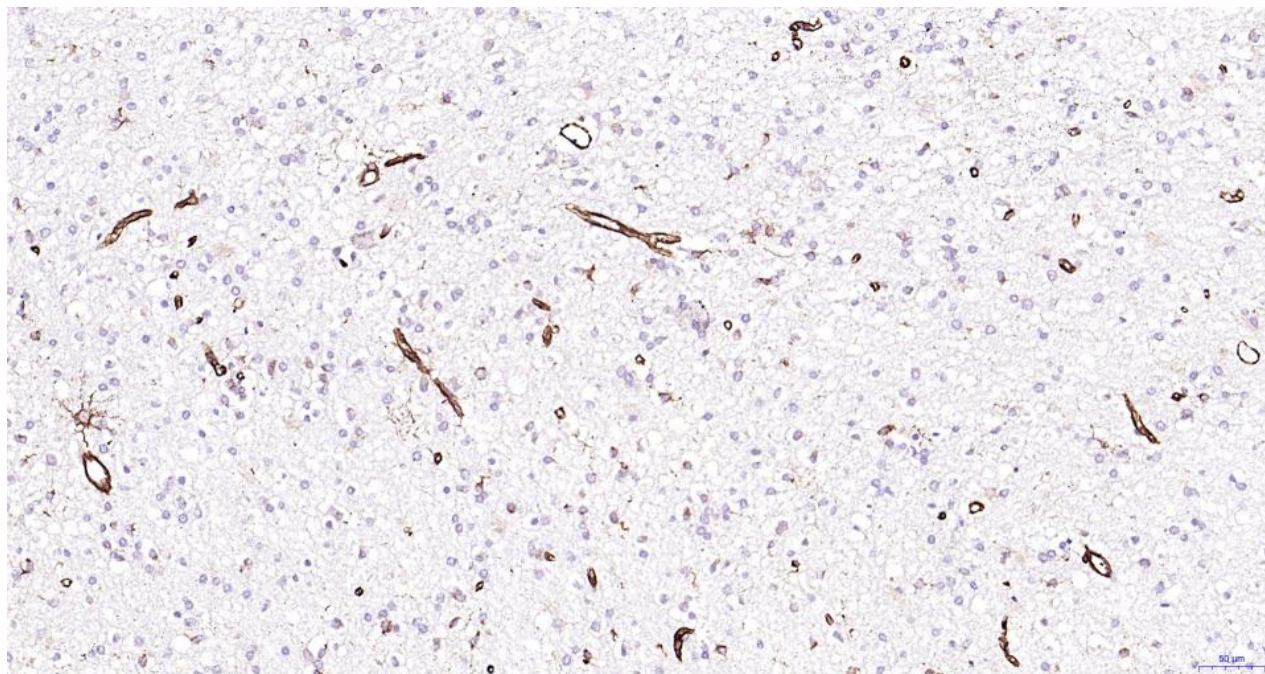
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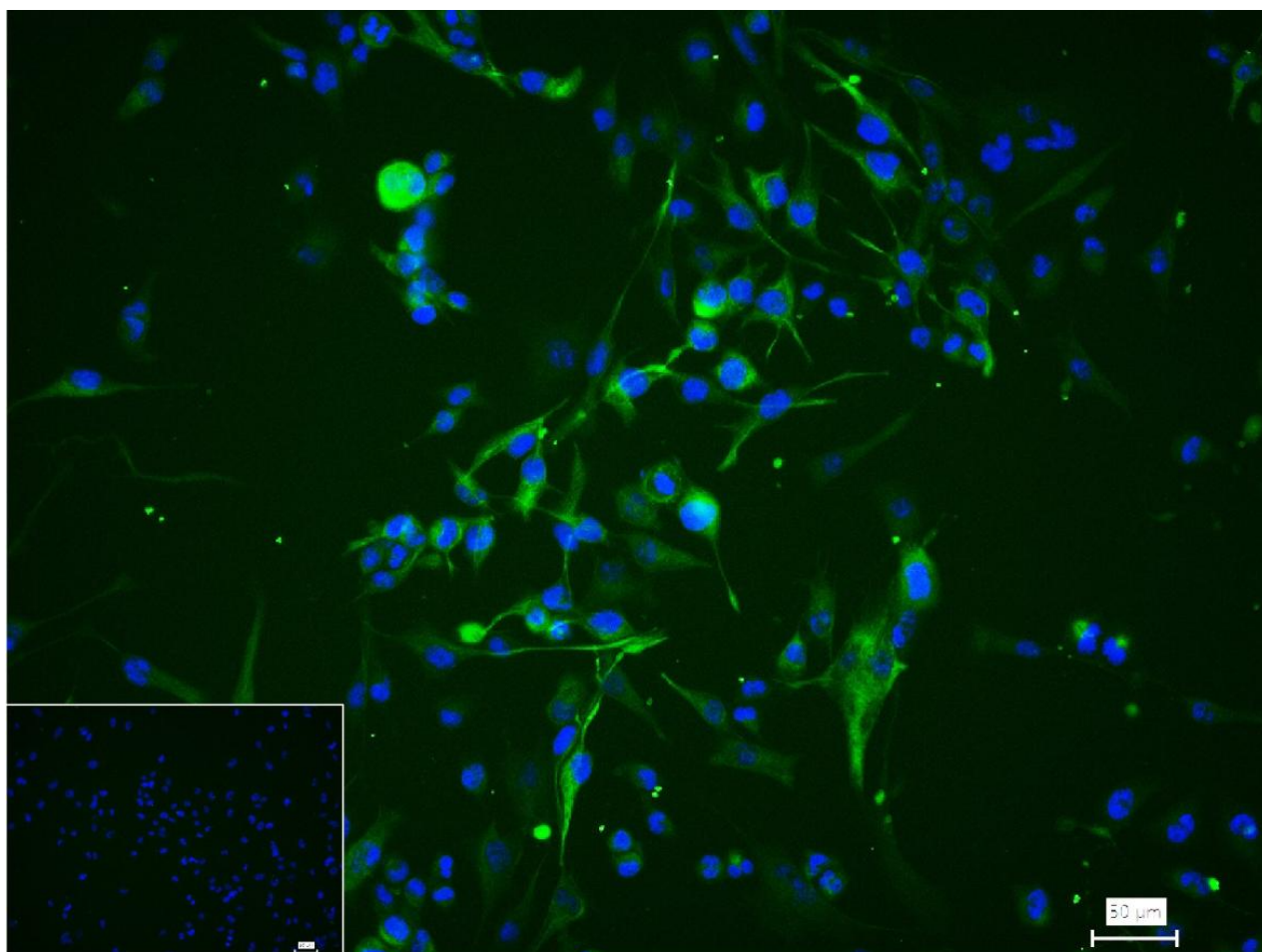
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Western blotting analysis using anti-Nestin antibody (Cat#52542). Total cell lysates (35 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Nestin antibody (Cat#52542, 1:1,000) and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at room temperature for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Glioma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Nestin antibody, Unconjugated at 1:200 overnight at 4°C, followed by conjugation to the SP Kit and DAB staining.



Immunocytochemical staining of U251 cells with Nestin antibody (Cat#52542, 1:100). Nuclei were stained blue with DAPI; Nestin was stained magenta with FITC conjugated goat anti-rabbit IgG antibody. PBS instead of the primary antibody was used as the blank control.

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