

Nestin antibody

Cat. No. GTX133112

| | |
|--------------|-------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF |
| Reactivity | Human, Mouse, Rat |

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| ICC/IF | 1:100-1:1000 |

Not tested in other applications.

Calculated MW 207 kDa. ([Note](#))

Properties

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 2.15 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of mouse Nestin. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

Note

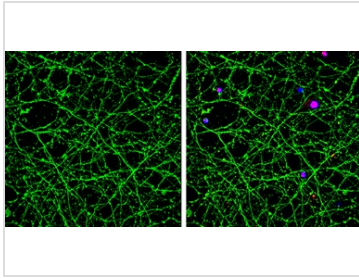
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DATA IMAGES



GTX133112 ICC/IF Image

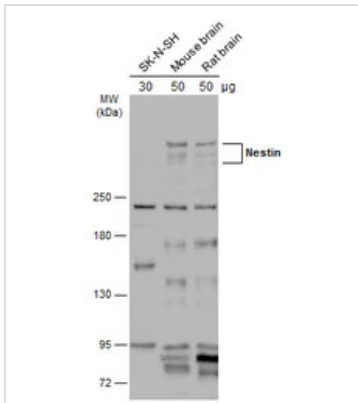
Nestin antibody detects Nestin protein by immunofluorescent analysis.

Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Nestin stained by Nestin antibody (GTX133112) diluted at 1:500.

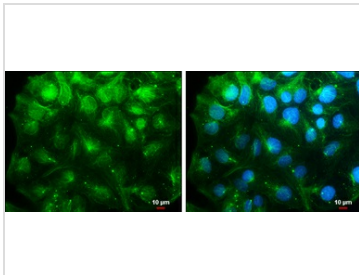
Red: TDP43, stained by TDP43 antibody [GT225] (GTX630196) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX133112 WB Image

Various whole cell and tissue extracts were separated by 5% SDS-PAGE, and the membrane was blotted with Nestin antibody (GTX133112) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX133112 ICC/IF Image

Nestin antibody detects Nestin protein at cytoskeleton by immunofluorescent analysis.

Sample: NT2D1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Nestin stained by Nestin antibody (GTX133112) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar= 10μm.



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