A Reliable Research Partner in Life Science and Medicine

Nestin/NES Monoclonal Antibody

catalog number: AN200172P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Reactivity Human

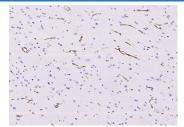
Immunogen A synthetic peptide corresponding to the N-terminus of the Human Nestin/NES

Host Mouse Isotype lgG2a Clone A1024 **Purification** Protein A

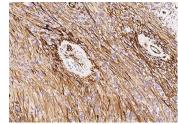
Buffer 0.2 µm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000
IHC-P	1:200-1:2000
FCM	1:25-1:100
IP	1-5 μL/mg of lysate

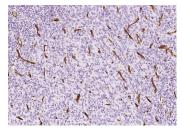
Data



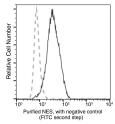
Immunohistochemistry of paraffin-embedded human brain



Immunohistochemistry of paraffin-embedded human using Nestin/NES Monoclonal Antibody at dilution of 1:1000. neurilemmoma using Nestin/NES Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human fasciculated sarcoma using Nestin/NES Monoclonal Antibody at dilution of 1:1000.

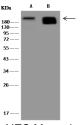


Flow cytometric analysis of Human NES expression on SHSY5Y cells. The cells were treated according to manufacturer's manual, stained with purified anti-Human NES, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

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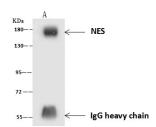
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Western Blot with NES Monoclonal Antibody at dilution of 1:500 dilution. Lane A: HeLa Whole Cell Lysate, Lane B: U251MG Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:177 kDa Calculated-MW:177 kDa



Immunoprecipitation analysis using 4 μ L anti-NES Monoclonal Antibody and 60 μ g of Immunomagnetic beads Protein A/G. Western blot was performed from the immunoprecipitate using NES Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg U-251 MG Whole Cell

Lysate
Observed-MW:177 kDa
Calculated-MW:177 kDa

Preparation & Storage	
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	lce bag

Background

This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells.

For Research Use Only

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 Rev. V1.1