Nestin/NES Monoclonal Antibody

catalog number: **AN200172P**

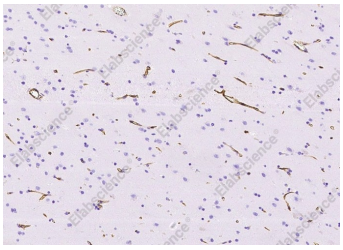
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

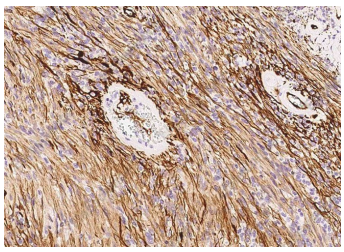
Reactivity	Human
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human Nestin/NES
Host	Mouse
Isotype	Mouse IgG2a
Clone	A1024
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

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

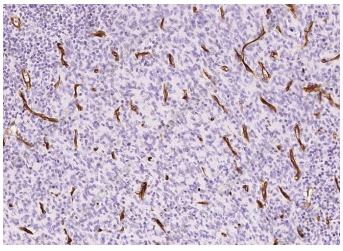
Data



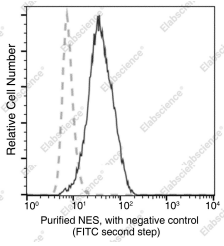
Immunohistochemistry of paraffin-embedded human brain using Nestin/NES Monoclonal Antibody at dilution of 1:1000.



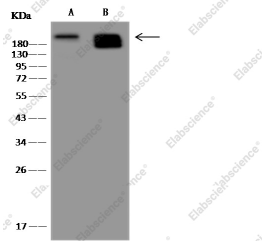
Immunohistochemistry of paraffin-embedded human neurilemmoma using Nestin/NES Monoclonal Antibody at dilution of 1:1000.



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



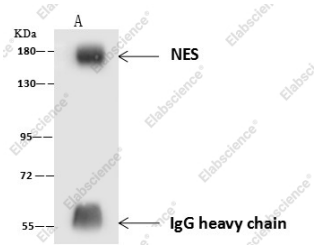
Flow cytometric analysis of Human NES expression on SHSY5Y cells. The cells were treated according to manufacturer's manual, stained with purified anti-Human NES, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter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



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 µL anti-NES Monoclonal Antibody and 60 µg 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	Ice bag

Background

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

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